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AT MADRAS.

RESULTS OF THE METEOROLOGICAL OBSERVATIONS

MADE AT THE

GOVERNMENT OBSERVATORY, MADRAS

DURING THE YEARS

1861—1890

Under the Direction of the late

NORMAN ROBERT POGSON, C.I.E., F.R.A.S.

EDITED BY

C. MICHIE SMITH, B.Sc., F.R.A.S., F.R.S.E.

And Published by Order of the Government of Madras

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OBSERVATIONS

GOVERNMENT OBSERVATORY, MADRAS

REPORT FOR THE YEAR

1881-1882

Under the Direction of the late

NORMAN ROBERT FORBES, C.B., F.R.S.

REVISED BY

O. MICHAEL SMITH, F.R.S., F.R.A.S.

Printed by order of the Government of Madras

at the old Observatory,
MADRAS, and the
MADRAS OBSERVATORY,
MADRAS, 1882.

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MADRAS

INTRODUCTION

THIS volume contains the Results of the meteorological observations made at the Madras Observatory in the years 1861-1890 during the whole of which time, with the exception of the first few weeks, the late NORMAN ROBERT POGSON was Government Astronomer and had charge of the Observatory. It was his intention to have published this volume as soon as possible after the completion of the 30 years, and at the time of his lamented death a considerable part of the manuscript was nearly ready for the press. In editing the work I have, so far as possible, retained the original plan, but I greatly regret that the work was not completed by one who had carried it on so long and to whose care and knowledge it owes its main value. Begun at a time when accurate meteorological observations were less common than they are now and when instrumental appliances were far from perfect, the whole series has been carried out with that scrupulous accuracy and attention to details which his astronomical training had shown Mr. Pogson to be an essential for all really good work. All work connected with the testing of the instruments and working out the corrections was done by himself, while the whole of the work was rigidly supervised. This being so it is all the more to be regretted that he was not able to publish the results and to give a full account of the methods employed. Of his methods for checking the results I learned a good deal from him in conversation from time to time, but in preparing this Introduction I have frequently felt at a loss with regard to minor details which I cannot find amongst the voluminous papers in the Observatory. At the same time the results may be taken as being as nearly as possible accurate for they were reduced immediately after they were taken and all needful corrections were at once applied, so that with the exception of the actual printing and the notes the results had received Mr. Pogson's final revision before his death. Even the notes are mostly taken with a few modifications from his remarks in the Government Gazette in which the weekly, monthly, and annual results have been published since 1870. The only results that I have found it necessary to re-calculate were those for humidity and vapour pressures, the latter of which were, for most of the period dealt with, not calculated at the time but only prepared for this work and not revised. With the exception of the first few months I have re-calculated these throughout from the printed sheets. All the averages have also been taken out fresh from the printed sheets and compared with the manuscript results, so that there seems little risk of any serious error in the printed means.

INSTRUMENTS.

(1) *Barometer*.—From January 1861 to December 1876 the barometer employed was the old Observatory standard, Newman No. 42. It was, as formerly, used with a fixed zero of 29.900 inches and the readings were corrected for capacity. The diameter of the tube is 0.514 inches, its thickness 0.125 inches, and the diameter of the cistern is 2.64 inches. When compared in London in 1840, before despatch to Madras, it read 0.005 inches higher than the flint glass standard of the Royal Society, or 0.012 inches higher than the

crown glass standard. No correction has been applied for this difference. From January 1877 to January 1888 the instrument employed was Newman's standard No. 49. This is an instrument similar to Newman No. 42 but with a tube 0·532 inches in diameter. The two barometers were compared by 30 readings in June 1876 and 20 readings in January 1877 which yielded a mean zero correction of +0·012 inches, which was applied to all the readings. From January 1888 onwards the standard barometer was a secondary standard by Casella (No. 636). It is a Fortin's cistern barometer and the zero is adjusted before each reading. The readings of this barometer do not seem to me to be thoroughly satisfactory, but it is possible that during the time dealt with in the volume there was no cause for complaint, and even at present I do not think that on any day the mean reading is as much as 0·01 inches wrong. The relative correction between this and another similar barometer has changed by only 0·001 inches. The fact that the mean barometer reading for the 30 years differs by only 0·001 inches from the mean obtained from the hourly readings for the preceding 20 years shows that the relative corrections of the other two barometers to the standard of Newman No. 42 have been made with great accuracy.

(2) *Thermometers*.—The dry and wet bulb thermometers have all been carefully compared from time to time with standard thermometers and the freezing points of the standards have themselves been checked in melting ice. The two standards employed were Kew 328 and Kew 329. The zero of the former was determined in 1865, 1872, and 1874 and on each occasion was found to be exactly right. This thermometer was accidentally broken by coming in contact with the punkah just after the last comparison was made. Kew 329 was less constant. The following are the freezing point determinations made with it:

1865 ...	31·90	1876 ...	31·50
1874 ...	31·50	1877 ...	31·50
1875 ...	31·55		

It has been used since 1874 with the correction +0·5. It is rather remarkable that the freezing point has fallen.

The corrections for the other thermometers were determined in the following way. For the dry maximum the correction was taken as the difference of readings at 10 A.M. between the dry bulb (corrected) and the dry maximum. For the dry minimum the correction was taken as the difference of reading at 10 P.M., (or latterly 8 P.M.) between the dry bulb (corrected) and the dry minimum. The corrections for the wet minimum and grass minimum were similarly got by comparison with the wet bulb at 10 P.M., and the corrections for the sun maximum also by comparison with the dry bulb at the same hour. The evening and not the morning reading being taken in this case on account of the very unsatisfactory nature of comparisons that are made of sun thermometers in vacuo in day-light, and because the thermometer should be exposed long before 10 A.M. In each case the actual correction applied for each half month was the mean of the corrections obtained for that half month.

Anemograph.—Since 1864 the wind direction and velocity have been obtained from the records of a Beckley anemograph, by Adie, carried on a wooden framework erected on the roof of the Astronomer's house. The cups of the anemograph are about $8\frac{1}{4}$ inches in diameter and the distance from centre to centre of two opposite cups is 4 feet. The height of the cups above ground is 44 feet and the height above the parapet of the building is 18 feet. I can find no record of any tests that were made as to the accuracy of the scale of this instrument before it was sent to Madras, but as it was made under the direction of the late Professor Balfour Stewart it is probable that due care was taken regarding this important point. The readings for wind velocity have been accepted without any correction, and the instrument has been taken as the standard for smaller instruments used in other parts of the Presidency. The accuracy as regards wind direction has been tested from time to time. The record of direction is not thoroughly trustworthy when the velocity falls below two miles an hour.

Raingauges.—The standard raingauge has a funnel 8 inches in diameter and the mouth is two feet above the surface of the ground. The gauge and measuring glass have been carefully tested. The distribution of the rainfall between the hours of reading is effected by reference to the raingauge connected with the anemograph. This consists of a receiver nearly 15 inches in diameter connected by a long pipe with a cylindrical receiver in which there is a float. This float actuates a pencil which records the rainfall on the revolving drum of the anemograph. When the receiver is filled up to a certain point it is emptied by a siphon on the principle of the tantalus cup. This arrangement is far from satisfactory, especially in a light rain, for at times the siphon does not act suddenly but the water only dribbles out at the same rate as it comes in. In heavy rain the action is fairly good. It should be noted, however, that any failure in the action of this gauge does not affect the total amount registered but only the hourly distribution. The total fall registered is that given by the standard gauge. The real risk in rainfall measurements is in miscounting the number of fills of the measuring glass and this risk has been guarded against by always measuring the amount in two other gauges of different sizes.

POSITION OF INSTRUMENTS.

The barometer is hung on the north wall of the transit room and the cistern is 22 feet above mean sea level. The readings given in this volume have not been reduced to sea level, neither has any correction been applied for the value of gravity. To reduce to sea level and the value of gravity at latitude 45° the following corrections have to be applied :—

Barometer Inches.	Temperature F°		
	70°	80°	90°
29	—0·044	—0·044	—0·045
30	—0·046	—0·046	—0·047
31	—0·048	—0·048	—0·049

Previous to 1861 the thermometers were exposed in a large open verandah with a tiled roof, but as this evidently did not meet the requirements of exact shade temperature measurements Mr. Pogson introduced what is now known as the “Indian shed” and used, I believe, at all Indian observatories. The shed, which lies north and south, consists of a thatched gable roof supported on wooden posts and frames with a light railing round it to keep out cattle. The shed is 16 feet long and 12 feet broad; the roof is 5 feet from the ground at the sides and 10 feet at the middle. The sides and ends are quite open except for two side screens $5\frac{1}{2}$ feet wide, reaching from the roof to within 1 foot of the ground, in the centre of the sides. The thatch is 6 inches thick. Originally the thermometers, which face north, were fixed to an open frame in the centre of the shed but for some years past, to protect them from injury from crows and other animals, they have been placed in a light cage of which the back and front are made of very wide-meshed iron wire netting. The bulbs of the wet and dry bulb thermometers are 4 feet from the ground, those of the dry maximum and dry minimum 4 feet 7 inches and 4 feet 4 inches respectively. The wet and dry bulb thermometers are at opposite sides of the cage and are 16 inches apart. The door of the cage is hinged at the bottom so that when open the thermometers are fully exposed. The door is always opened five minutes before readings are taken. In front of the shed, in a space enclosed by a wire fence, are the raingauges and the stand for the sun maximum and grass minimum thermometers. The former is supported 10 inches and the latter 3 inches above the surface of the ground.

The ground inside the enclosure and all round it is covered with grass in the wet season but in the hot weather there is frequently little grass to be seen.

This form of thermometer shelter is perhaps not altogether an ideal one but it is incomparably superior to the Stevenson or other similar screens still used even in some tropical or semi-tropical countries. In fact Dr. Doberek has recently shown by a long series of comparisons with rotating thermometers, carried out at Hongkong, that the Indian shed is far the best screen in common use. So far as I have been able to determine, the errors are very small except on perfectly still, bright days when even the slight hindrance which it offers to the free circulation of the air produces appreciable differences between the air temperatures outside and inside the shed. The highest temperatures recorded are probably not at all affected by this, for they occur when there is a strong dry wind blowing from the west.

It will be noticed from the table on p. 392 that the mean thermometric range and the mean maximum temperatures for the 30 years 1861 to 1890 differ considerably from those for the 20 years preceding. This is due to the change in the method of exposure. Comparative readings of thermometers in the verandah and in the shed were taken for a sufficiently long time to enable the relative corrections to be determined with accuracy, and when these corrections are applied to the 20 years' series the means come out almost exactly the same as those for the 30 years' series.

HOURS OF READING AND METHODS OF REDUCTION.

From 1841 to 1860 the readings were taken at each hour of Göttingen mean time, but from 1861 Madras mean time was employed. From 1861 to 1889 the hours of reading were 10 A.M., 4 P.M., and 10 P.M., and thereafter, on account of a change in the hour of sending the daily weather telegram to Simla, the hours were 8 A.M., 2 P.M., and 8 P.M. The method of deducing the means from the observations differs from that usually employed and must therefore be described more in detail. It must be remembered that in India the daily barometer tide is the most prominent feature in the barometric readings, and no reduction is of any value which does not pay due attention to this. Were the tide perfectly uniform the correction for hours might be treated as a constant which had to be added to or subtracted from the mean reading, but the amount of the tide varies from day to day and Mr. Pogson held that the true correction for hours in any day was a function of the tide for that day. Accordingly the first thing to be determined is the daily range. The hours of maximum and minimum readings are near 10 A.M. and 4 P.M., but do not exactly coincide with them, and so the range is got by multiplying the difference between the 10 A.M. and 4 P.M. readings by a factor which varies slightly from month to month and is called the *Barometric Range Factor*. The range having been thus determined the correction for hours is got by multiplying it by a factor depending on the season of the year and the hours of observation. An exactly similar treatment is applied to the thermometer readings.

The following extract from Mr. Pogson's *Meteorological Reduction Tables* will show the actual method employed:—

“The hours of registration adopted throughout the Madras Presidency are 10 A.M., 4 P.M., and 10 P.M. The barometric range is found, by multiplying the difference between the 10 A.M. and 4 P.M. readings, both previously reduced to 32°, by the factor for the date, taken from the column headed Barometric Range, retaining only three decimal places. The daily range thus found when multiplied by the factor in the next column, headed Mean Barometer, gives the correction, always minus or subtractive from the mean of the three reduced readings, to obtain the mean atmospheric pressure for the day.

The numbers in the column headed Dry Bulb Thermometer, are factors by which to multiply the range, or difference between the corrected readings of the maximum and minimum dry bulb thermometers, retaining only tenths of a degree in the product. The mean of the morning minimum, and of the three ordinary readings, *i.e.*, their sum divided by four, when diminished by this small correction, gives the mean daily temperature. From August 9th till September 28th there is no correction at all, the factor being 0·00; and for nearly all the rest of the year, as the factor is only -0·01, the correction will be found by simply removing the decimal point two places to the left in the range for the day, retaining the nearest tenth of a degree in the usual manner.

For the mean daily temperature of evaporation the process is very similar; only in this case, the range not being known, the factor for the day, taken from the column Wet Bulb Thermometer, is to be multiplied by the excess of the 4 P.M. reading above that of the morning minimum; and the correction is always plus, or additive to the mean of the four readings."

All these factors have been calculated from the series of hourly observations made between 1841 and 1861 of which the first 15 years have been published but the last 5 years are still in manuscript. The following is the actual table used when the readings were 10 A.M., 4 P.M. and 10 P.M. :—

MADRAS DAILY METEOROLOGICAL FACTORS.

From	Barometric Range.	Mean Barometer.	Dry Bulb Thermometer.	Wet Bulb Thermometer.	From	Barometric Range.	Mean Barometer.	Dry Bulb Thermometer.	Wet Bulb Thermometer.
January..... 1	1.05	- 0.11	- 0.02	0.00	July..... 23	1.06	- 0.03	- 0.01	+ 0.03
January..... 15	1.04	- 0.11	- 0.01	0.00	July..... 29	1.05	- 0.03	- 0.01	+ 0.03
January..... 26	1.03	- 0.11	- 0.01	0.00	August..... 9	1.05	- 0.03	0.00	+ 0.03
February..... 2	1.02	- 0.11	- 0.01	0.00	August..... 15	1.04	- 0.04	0.00	+ 0.03
February..... 13	1.02	- 0.11	- 0.01	+ 0.01	September..... 4	1.04	- 0.05	0.00	+ 0.03
February..... 21	1.02	- 0.10	- 0.01	+ 0.01	September..... 11	1.05	- 0.05	0.00	+ 0.03
March..... 1	1.03	- 0.10	- 0.01	+ 0.01	September..... 20	1.06	- 0.06	0.00	+ 0.03
March..... 5	1.03	- 0.09	- 0.01	+ 0.01	September..... 29	1.07	- 0.06	- 0.01	+ 0.03
March..... 8	1.03	- 0.09	- 0.01	+ 0.02	October..... 3	1.07	- 0.07	- 0.01	+ 0.03
March..... 14	1.04	- 0.08	- 0.01	+ 0.02	October..... 6	1.07	- 0.07	- 0.01	+ 0.02
March..... 26	1.05	- 0.07	- 0.01	+ 0.03	October..... 14	1.08	- 0.08	- 0.01	+ 0.02
April..... 3	1.05	- 0.06	- 0.01	+ 0.03	October..... 26	1.08	- 0.09	- 0.01	+ 0.01
April..... 10	1.06	- 0.06	- 0.01	+ 0.04	November..... 3	1.09	- 0.10	- 0.01	+ 0.01
April..... 15	1.06	- 0.05	- 0.01	+ 0.04	November..... 16	1.09	- 0.11	- 0.01	+ 0.01
May..... 16	1.06	- 0.04	- 0.01	+ 0.04	November..... 26	1.08	- 0.11	- 0.02	+ 0.01
May..... 20	1.06	- 0.04	- 0.01	+ 0.03	December..... 4	1.07	- 0.11	- 0.02	0.00
June..... 5	1.06	- 0.03	- 0.01	+ 0.03	December..... 16	1.06	- 0.11	- 0.02	0.00
June..... 21	1.06	- 0.02	- 0.01	+ 0.03	December..... 29	1.05	- 0.11	- 0.02	0.00

MADRAS HALF MONTHLY METEOROLOGICAL FACTORS.

For	Sign.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.	
Barometric Range	+	1.05	1.04	1.02	1.02	1.03	1.04	1.05	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.05	1.04	1.04	1.06	1.07	1.08	1.09	1.09	1.07	1.06
Mean Barometer...	-	0.11	0.11	0.11	0.10	0.09	0.08	0.06	0.05	0.05	0.04	0.03	0.02	0.02	0.03	0.03	0.04	0.05	0.06	0.07	0.08	0.10	0.11	0.11	0.11
Dry Bulb Thermometer.....	-	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
Wet Bulb Thermometer.....	+	0.00	0.00	0.00	0.01	0.01	0.02	0.03	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.01	0.01	0.00	0.00

Moisture.—The vapour tension (I use the term under protest) and humidity have been calculated from Blanford's *Tables for the Reduction of Meteorological Observations in India*.

Wind.—The mean daily direction of the wind was obtained simply by taking the arithmetical mean of the mean directions for each hour as measured on the anemogram. Similarly the mean monthly and annual directions are the arithmetical means of the daily and monthly means. A separate table is given at the end showing the resultant monthly and annual wind direction and force got by taking account of the number of miles of wind from each point of the compass from 1868 to 1890.

Rainy days.—The number of rainy days given is got by reckoning all days on which 0.01 of an inch

and upwards fell. This must be remembered in comparing with other Indian returns in which a day is not counted unless 0·1 of an inch falls. The rain recorded is for the civil day—midnight to midnight.

Clouds.—The cloud proportion is obtained from eye estimates made three times a day. This is probably the least satisfactory of all the records and can be looked upon as only a very rough approximation to the truth. This is especially the case with the records since 1887 when night observations by the assistants were given up. After that no account was taken of the cloudiness between the hour of the evening observation and about 8 A.M. of the following day. I have not printed the records of the character of the clouds partly because Mr. POGSON had not intended to do so in the part of the volume he had prepared, and partly because of the very unsatisfactory nature of the records.

General Weather.—This has been taken from the weather remarks in the observation books up to 1870, and thereafter from the “General Weather” column in the weekly *Gazette* notices. It is of very little value but I have utilized it for recording thunder and lightning. With regard to this it may be pointed out that the term ‘thunderstorm’ is employed only when there was thunder and lightning accompanied by rain. In cases in which the entry is “thunder: lightning: rain”, the rain did not accompany the thunder and lightning.

GENERAL REMARKS.

It was at first intended to add to this volume a series of appendices discussing the observations, but I have thought it better to issue the volume as it is, leaving over all discussion till it is possible to take up the records for the complete period of 50 years from 1841 to 1890. Before this is done it will probably be well to publish the hourly observations for the five years 1856-1860. Meanwhile the tables of averages at the end of the volume will give a very close approximation to the true, mean meteorological conditions of Madras, for the period of 30 years seems to be long enough to eliminate both accidental and cyclical variations.

I cannot conclude this Introduction without expressing my admiration at the skill and thoroughness with which Mr. POGSON organised and carried out these observations. The immense amount of labour which he bestowed on the investigation of the corrections that had to be applied to obtain true mean values is proved by the masses of papers which he left on the subject, and some idea of it may be obtained from the consideration that in the matter of temperatures at least all the old observations had to be corrected not only for instrumental errors but also for defective exposures before they could be utilized for this purpose. The success with which these corrections were applied may be judged from the fact that the means deduced in 1868 agree almost exactly with the means now got for the 30 years. Unfortunately, the whole of this work had to be done by Mr. POGSON himself so that none of the assistants know anything of the methods employed, hence though the results are available it is not always easy to find how they were arrived at, and other work has prevented me from going into the question as thoroughly as I would have wished to have done.

C. M. S.

MADRAS OBSERVATORY,
1st February 1892.

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Madras Meteorological Observations. 1861—January.

January 1861	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	30.066	0.102	74.1	67.7	79.0	68.4	0.593	70	...	E N E	Not recorded.
2	30.049	0.097	74.4	68.0	79.6	68.4	...	...	0.600	70	...	E N E	...	...
3	30.028	0.121	74.5	67.1	79.8	68.1	...	...	0.566	66	...	E by N	...	...
4	30.013	0.120	73.3	66.5	78.9	65.9	...	...	0.561	69	...	E N E	...	...
5	29.971	0.131	73.1	67.4	79.0	65.2	...	...	0.596	73	...	E N E	...	...
6	29.974	0.111	73.5	68.3	79.6	66.3	...	...	0.624	75	...	N E by E	...	...
7	29.956	0.130	73.7	68.6	79.0	66.6	...	...	0.632	76	...	E by N	...	...
8	29.945	0.120	74.2	69.8	81.2	66.9	...	...	0.670	79	...	N E by E	...	...
9	29.979	0.096	74.5	70.2	81.3	68.1	...	...	0.682	80	...	E by N	...	...
10	29.978	0.096	74.4	69.8	81.1	67.9	...	...	0.668	79	...	E by N	...	...
11	29.980	0.102	75.8	71.3	81.6	69.5	...	...	0.708	79	...	E by N	...	...
12	29.986	0.113	76.2	71.5	81.3	72.1	...	...	0.710	78	...	East	...	...
13	29.989	0.123	75.8	71.0	81.5	70.0	...	...	0.696	78	...	E N E	...	...
14	29.984	0.107	77.4	71.3	81.2	75.0	...	...	0.686	73	...	E N E	...	...
15	30.014	0.108	77.4	71.2	81.7	74.4	...	...	0.682	72	...	N E by E	...	...
16	29.990	0.137	75.9	70.9	82.9	70.6	...	...	0.691	77	...	E N E	...	...
17	29.939	0.155	75.4	70.4	81.9	68.9	...	...	0.678	77	...	N E by E	...	...
18	29.971	0.107	74.9	70.3	81.3	67.6	...	...	0.681	79	...	E by N	...	...
19	29.980	0.123	74.0	69.5	81.1	67.4	...	...	0.662	79	...	E S E	...	...
20	29.990	0.149	74.6	70.1	81.3	66.6	...	...	0.677	79	...	E S E	...	...
21	29.941	0.144	77.6	72.5	83.8	70.4	...	...	0.732	78	...	S E by E	...	...
22	29.890	0.157	78.2	73.6	83.6	72.2	...	...	0.768	80	...	S S E	...	...
23	29.921	0.127	77.7	73.0	83.8	72.0	...	...	0.750	79	...	S by W	...	...
24	29.950	0.115	77.2	72.1	83.1	70.3	...	...	0.721	77	...	S S E	...	...
25	29.965	0.133	77.3	71.9	82.8	70.9	...	...	0.711	75	...	East	...	...
26	29.948	0.154	77.4	72.0	82.4	71.6	...	...	0.713	75	...	N E	...	...
27	29.940	0.117	78.6	71.5	83.5	75.2	...	...	0.678	70	...	E by N	...	...
28	29.904	0.146	75.4	70.6	82.7	69.4	...	...	0.686	78	...	E N E	...	...
29	29.876	0.131	76.4	70.4	84.6	67.6	...	...	0.664	73	...	N E by N	...	...
30	29.895	0.118	75.8	69.3	83.1	67.8	...	...	0.630	71	...	S E by S	...	...
31	29.937	0.138	76.2	69.6	83.1	68.4	...	...	0.636	71	...	S E	...	...
Mean	29.966	0.123	75.6	70.2	81.6	69.3	...	...	0.669	75	...	East	...	Nil

NO. 1001
ADDITIONAL

Madras Meteorological Observations. 1861—February.

February 1861	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.950	0.121	76.3	69.8	82.5	68.4	...	...	0.642	71	...	E S E	...	...
2	29.930	0.148	75.3	66.9	81.5	67.1	...	...	0.549	62	...	E by N	...	...
3	29.913	0.142	73.6	68.7	80.9	64.7	...	...	0.637	77	...	N E	...	...
4	29.889	0.149	73.7	68.6	82.2	65.2	...	...	0.632	76	...	E by N	...	...
5	29.858	0.157	73.8	68.1	83.5	64.9	...	...	0.612	73	...	S by E	...	...
6	29.867	0.124	74.4	69.1	84.4	64.6	...	...	0.642	75	...	South	...	...
7	29.934	0.135	74.8	68.8	86.1	65.5	...	...	0.625	72	...	South	...	...
8	29.953	0.128	74.9	70.4	84.9	67.0	...	...	0.684	79	...	S S E	...	...
9	29.938	0.126	74.1	69.9	83.2	66.8	...	...	0.676	80	...	E N E	...	...
10	29.941	0.115	74.6	69.4	83.3	65.4	...	...	0.650	75	...	S E	...	...
11	29.961	0.123	73.3	67.8	83.3	65.3	...	...	0.601	72	...	S W	...	...
12	29.961	0.116	73.5	66.9	82.2	64.2	...	...	0.573	70	...	S by E	...	...
13	29.962	0.151	73.0	66.9	81.8	64.9	...	...	0.580	72	...	South	...	...
14	29.957	0.142	75.0	67.1	81.8	67.5	...	...	0.559	64	...	East	...	...
15	29.922	0.152	72.1	66.4	81.2	63.4	...	...	0.573	72	...	E by N	...	...
16	29.929	0.126	72.3	66.9	82.0	62.2	...	...	0.588	74	...	East	...	...
17	29.957	0.103	73.5	69.6	84.0	62.5	...	...	0.672	81	...	S S E	...	...
18	30.007	0.119	75.8	72.0	82.4	66.5	...	...	0.735	83	...	S E by E	...	...
19	30.040	0.130	76.6	72.9	82.3	68.5	...	...	0.769	83	...	East	...	...
20	30.001	0.150	77.2	72.8	83.3	69.2	...	...	0.749	80	...	E N E	...	...
21	30.009	0.124	79.0	75.2	84.5	73.4	...	...	0.824	83	...	N E by E	...	...
22	30.007	0.132	78.4	75.2	83.6	72.6	...	...	0.832	85	...	E by N	...	...
23	29.996	0.134	77.0	72.6	82.8	69.9	...	...	0.743	80	...	E N E	...	...
24	29.974	0.119	76.1	71.6	82.1	68.4	...	...	0.716	79	...	N E by E	...	...
25	29.950	0.112	74.9	69.8	83.1	66.8	...	...	0.662	77	...	East	...	...
26	29.944	0.101	75.7	70.8	84.8	66.1	...	...	0.689	77	...	N E by E	...	...
27	29.949	0.129	77.7	72.0	85.5	68.8	...	...	0.710	75	...	N E by E	...	...
28	29.961	0.107	78.3	74.0	85.9	70.4	...	...	0.733	81	...	E N E	...	...
Mean	29.952	0.129	75.2	70.0	83.2	66.8	...	...	0.668	76	...	E S E	...	Nil

Madras Meteorological Observations. 1861—March.

March 1861	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.964	0.134	79.7	75.2	87.1	72.0	...	...	0.815	80	...	E S E	...	...	Not recorded.
2	29.977	0.144	79.6	74.2	86.6	71.8	...	...	0.774	76	...	S by E	...	...
3	29.917	0.149	77.2	71.5	85.6	68.4	...	...	0.697	75	...	S S W	...	...
4	29.895	0.130	76.7	70.9	84.6	66.9	...	...	0.680	74	...	S S W	...	...
5	29.899	0.126	77.9	72.3	85.3	68.4	...	...	0.719	75	...	South	...	...
6	29.880	0.138	79.4	73.7	86.5	70.5	...	...	0.755	75	...	S by W	...	...
7	29.881	0.123	79.1	72.7	86.7	71.1	...	...	0.719	72	...	South	...	...
8	29.907	0.123	79.3	73.2	86.0	71.0	...	...	0.737	74	...	S S E	...	...
9	29.915	0.127	79.4	73.7	87.0	70.5	...	...	0.756	75	...	S S E	...	...
10	29.899	0.131	81.1	75.1	88.0	74.0	...	...	0.792	74	...	S S E	...	...
11	29.919	0.129	81.6	76.2	88.6	74.8	...	...	0.832	77	...	S S E	...	...
12	29.962	0.148	80.8	76.1	86.2	78.7	...	...	0.838	80	...	E S E	...	...
13	29.963	0.133	76.2	71.6	83.5	73.4	...	...	0.715	79	...	N N E	...	0.16	
14	29.902	0.144	78.5	73.8	84.8	70.4	...	...	0.773	79	...	E N E	...	...
15	29.870	0.106	78.4	73.8	86.7	70.6	...	...	0.774	80	...	E by N	...	...
16	29.878	0.121	80.1	74.7	87.5	72.4	...	...	0.788	76	...	S by E	...	...
17	29.904	0.106	81.1	76.5	89.2	73.5	...	...	0.852	81	...	S by E	...	...
18	29.825	0.131	82.9	77.2	88.8	75.2	...	...	0.858	76	...	S S E	63	...	Fine with passing clouds.
19	29.867	0.109	82.1	76.7	89.8	76.1	...	...	0.848	77	...	South	80	0.02	Cloudy.
20	29.859	0.129	80.2	76.8	85.8	73.9	...	...	0.877	85	...	S by W	80	0.73	Do. : lg. W. & N. W.
21	29.877	0.142	79.6	75.6	87.2	71.4	...	...	0.833	82	...	S W	57	0.13	Fine with passing clouds.
22	29.846	0.132	81.2	76.2	93.8	72.7	...	...	0.837	78	...	S S W	27	...	Fine.
23	29.838	0.134	83.0	78.2	91.9	75.6	...	...	0.901	80	...	SW by S	69	...	Fine with passing clouds.
24	29.847	0.151	83.7	78.8	91.2	75.2	...	...	0.920	79	...	S by W	37	...	Do.
25	29.873	0.129	83.8	77.6	90.9	76.6	...	...	0.864	75	...	South	23	...	Fine.
26	29.909	0.126	82.4	76.7	89.0	73.3	...	...	0.843	76	...	South	20	...	Do.
27	29.903	0.131	82.0	76.6	88.8	73.1	...	...	0.844	77	...	South	10	...	Clear.
28	29.903	0.123	80.9	75.9	88.7	72.4	...	...	0.828	78	...	South	0	...	Do.
29	29.929	0.116	79.7	74.1	87.5	70.3	...	...	0.769	76	...	South	0	...	Very clear.
30	29.931	0.138	78.8	73.8	87.0	69.8	...	...	0.768	78	...	South	47	...	Fine with passing clouds.
31	29.883	0.127	80.1	74.6	88.3	70.0	...	...	0.784	76	...	South	10	...	Fine.
Mean	29.898	0.130	80.2	75.0	87.7	72.4	...	...	0.800	77	...	S by E	...	1.04	

Madras Meteorological Observations. 1861—April.

April 1861	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.875	0.105	79.5	74.9	88.3	69.9	...	...	0.806	80	...	S S W	0	...	Clear.
2	29.883	0.106	79.8	73.9	88.1	70.6	...	...	0.757	74	...	S by W	0	...	Do.
3	29.867	0.148	79.9	74.5	88.4	68.7	...	...	0.782	76	...	South	10	...	Do.
4	29.813	0.167	83.2	77.2	90.1	74.1	...	...	0.854	75	...	South	27	...	Fine with passing c'ouds.
5	29.797	0.131	83.5	77.2	90.5	75.7	...	...	0.850	74	...	S by W	33	...	Do.
6	29.782	0.139	83.1	77.4	91.7	74.0	...	...	0.864	76	...	South	23	...	Fine.
7	29.780	0.137	83.2	77.0	90.9	73.4	...	...	0.845	74	...	S S E	63	...	Hazy.
8	29.788	0.138	83.4	77.3	90.7	73.9	...	...	0.856	75	...	E by S	47	...	Do.
9	29.788	0.145	83.1	78.1	91.7	76.6	...	...	0.895	76	...	E S E	53	...	Do.
10	29.796	0.141	84.1	78.4	91.6	74.9	...	...	0.896	76	...	S E	67	...	Do.
11	29.786	0.141	84.4	78.9	90.6	76.5	...	...	0.915	77	...	S S E	40	...	Do.
12	29.758	0.148	83.9	77.6	91.5	74.8	...	...	0.863	74	...	S S W	20	...	Fine.
13	29.765	0.147	84.9	78.9	93.5	76.4	...	...	0.908	76	...	S S W	37	...	Cloudy.
14	29.728	0.121	84.9	78.9	91.6	76.4	...	...	0.908	76	...	S S W	27	...	Hazy.
15	29.774	0.128	85.3	79.3	91.8	77.4	...	...	0.921	76	...	S S W	10	...	Fine.
16	29.804	0.136	84.7	79.1	92.8	76.7	...	...	0.920	77	...	SW by S	17	...	Do.
17	29.793	0.144	84.7	79.2	91.6	76.6	...	...	0.925	77	...	S by W	10	...	Do.
18	29.803	0.160	84.1	78.1	92.0	74.6	...	...	0.882	75	...	South	17	...	Do.
19	29.832	0.137	84.5	77.7	91.4	75.0	...	...	0.859	73	...	S by E	17	...	Do.
20	29.841	0.144	84.2	77.8	91.6	75.3	...	...	0.867	74	...	South	10	...	Do.
21	29.802	0.170	84.4	78.4	92.5	74.5	...	...	0.892	74	...	South	7	...	Do.
22	29.761	0.104	86.6	80.7	94.6	78.4	...	...	0.962	76	...	S W	17	...	Hazy.
23	29.726	0.121	86.8	80.2	95.3	78.6	...	...	0.943	74	...	SW by S	13	...	Fine.
24	29.753	0.083	85.0	80.4	92.2	77.8	...	...	0.977	81	...	S by W	10	...	Light haze.
25	29.829	0.095	85.4	79.3	92.7	77.9	...	...	0.920	76	...	South	17	...	Fine.
26	29.840	0.120	84.8	78.6	92.6	75.5	...	...	0.895	75	...	S S E	7	...	Clear.
27	29.810	0.147	85.4	78.3	93.5	75.2	...	...	0.875	72	...	South	10	...	Fine.
28	29.723	0.160	87.1	79.9	99.2	77.1	...	...	0.925	72	...	S S W	17	...	Do.
29	29.698	0.139	87.7	78.8	100.3	77.2	...	...	0.865	66	...	S S W	13	...	Do.
30	29.732	0.104	88.0	79.3	100.1	78.8	...	...	0.884	65	...	SW by S	3	...	Clear.
Mean	29.791	0.134	84.3	78.2	92.4	75.4	...	...	0.884	75	...	South	21	...	

Madras Meteorological Observations. 1861—May.

May 1861.	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Humi- dity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.789	0.122	86.9	80.3	94.3	79.0	..	...	0.946	74	...	S S W	13	...	Fine.
2	29.801	0.164	84.3	79.9	92.6	77.9	...	...	0.962	81	...	S S W	27	...	Fine with passing clouds.
3	29.755	0.124	86.3	80.1	95.4	77.2	...	...	0.944	75	...	S S W	3	...	Clear.
4	29.698	0.153	87.8	80.1	99.6	79.0	...	...	0.924	70	...	S S W	10	...	Fine.
5	29.672	0.051	87.5	80.2	95.3	78.9	...	...	0.934	71	...	S W	20	...	Do.
6	29.721	0.152	88.6	80.5	101.2	78.5	...	...	0.933	69	...	S W by S	23	...	Fine with passing clouds.
7	29.699	0.143	88.1	80.5	99.0	78.5	...	...	0.940	71	...	S W by S	17	...	Hazy.
8	29.683	0.133	89.7	79.8	101.1	79.3	...	...	0.884	63	...	W S W	10	...	Fine.
9	29.687	0.128	89.1	78.9	101.4	79.3	...	...	0.851	62	...	SW by W	7	...	Do.
10	29.714	0.119	89.2	79.5	101.3	81.7	...	...	0.877	64	...	S W.	20	...	Hazy.
11	29.722	0.101	89.2	79.4	103.1	81.3	...	78.7	0.873	63	...	S W.	13	...	Fine.
12	29.662	0.151	89.6	78.3	106.9	82.2	...	79.3	0.817	58	...	S W by S	0	...	Clear.
13	29.650	0.157	88.2	77.2	97.6	81.7	...	80.7	0.786	59	...	S by E	67	...	Cloudy.
14	29.669	0.109	87.2	79.0	96.8	80.9	...	79.2	0.881	68	...	S E by S	67	...	Do.
15	29.681	0.121	88.1	77.9	96.2	80.7	...	79.0	0.819	62	...	S S E	57	...	Do.
16	29.717	0.094	88.0	79.3	94.9	81.7	...	79.9	0.885	61	...	S S W	57	...	Do.
17	29.723	0.136	86.0	79.4	93.5	81.5	...	80.2	0.916	74	...	S by E	57	...	Do.
18	29.691	0.146	86.9	80.0	93.0	80.9	...	79.7	0.932	72	...	S S W	7	...	Fine.
19	29.676	0.141	82.8	77.4	94.8	79.5	...	77.7	0.868	77	...	S W	53	1.20	Cloudy.
20	29.631	0.152	86.1	76.7	98.4	78.0	...	76.9	0.793	63	...	West	57	...	Do.
21	29.614	0.118	87.4	76.6	98.4	81.4	...	78.2	0.771	59	...	W by N	40	...	Hazy.
22	29.605	0.123	89.2	76.4	98.5	83.6	...	79.3	0.738	53	...	NW by N	57	...	Fine with passing clouds.
23	29.599	0.146	89.3	76.3	102.2	83.7	...	79.7	0.732	53	...	NW by N	37	...	Do.
24	29.606	0.106	88.8	77.5	97.6	84.4	...	80.9	0.791	58	...	West	67	...	Cloudy.
25	29.628	0.136	88.9	78.3	98.1	82.2	...	79.5	0.827	61	...	N W	77	...	Do.
26	29.637	0.119	89.1	78.8	96.3	82.2	...	80.1	0.847	62	...	N N W	57	...	Do.
27	29.654	0.084	89.8	79.9	98.3	84.2	...	80.9	0.888	63	...	N W by N	50	...	Fine with passing clouds.
28	29.670	0.101	87.4	80.6	93.0	83.2	...	79.7	0.953	73	...	W N W	33	...	Do.
29	29.671	0.093	83.1	78.1	88.3	80.6	...	78.9	0.896	79	...	N W.	80	0.08	Cloudy.
30	29.643	0.107	85.2	78.0	92.4	78.5	...	75.6	0.863	71	...	N N E	67	...	Cloudy—Th. and lg.
31	29.643	0.133	85.5	73.1	97.3	78.7	...	75.7	0.869	70	...	W N W	67	...	Cloudy.
Mean	29.678	0.125	87.5	78.8	97.3	80.7	...	79.0	0.868	66	...	S W by W	39	1.28	

Madras Meteorological Observations. 1861—June.

June 1861	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.632	0.144	87.0	77.2	97.3	81.7	...	79.2	0.804	62	...	S W	97	...	Overcast.
2	29.688	0.092	86.9	78.1	93.6	81.3	...	79.7	0.847	66	...	West	93	...	Do.
3	29.701	0.105	89.4	78.0	100.1	81.1	...	77.3	0.806	58	...	W S W	83	0.12	Do. : lg. S.
4	29.734	0.112	88.9	76.8	98.0	81.2	...	78.2	0.764	56	...	West	50	...	Cloudy.
5	29.741	0.152	89.0	76.4	98.6	83.2	...	81.0	0.741	54	...	West	99	0.02	Overcast.
6	29.719	0.122	88.9	77.8	98.3	82.7	...	79.6	0.804	59	...	S W	63	...	Cloudy.
7	29.718	0.140	88.5	76.9	98.5	83.5	...	80.2	0.770	58	...	S S W	27	...	Hazy.
8	29.735	0.114	88.9	77.6	97.6	82.7	...	80.5	0.795	58	...	West	77	...	Cloudy.
9	29.732	0.103	88.2	76.9	102.0	81.9	...	79.2	0.773	58	...	W N W	43	...	Do.
10	29.743	0.121	87.3	76.9	99.9	81.9	...	79.2	0.785	60	...	S W by W	73	...	Do. : lg. N. W.
11	29.735	0.106	87.1	77.9	98.4	80.7	...	78.2	0.833	65	...	W S W	77	...	Cloudy.
12	29.749	0.111	87.6	78.8	100.7	80.9	...	78.7	0.867	67	...	W S W	43	...	Fine with passing clouds.
13	29.737	0.113	87.9	77.1	100.9	80.8	...	77.6	0.784	59	...	W S W	37	...	Do.
14	29.722	0.099	87.8	76.8	99.8	80.9	...	77.7	0.774	59	...	West	23	...	Do.
15	29.667	0.128	87.6	76.1	98.9	81.0	...	78.0	0.747	57	...	W N W	60	...	Do.
16	29.671	0.136	86.7	76.2	101.4	79.2	...	77.3	0.763	60	...	N W	50	...	Do.
17	29.693	0.116	87.7	77.3	99.2	82.2	...	79.2	0.797	60	...	NW by W	69	...	Do.
18	29.728	0.109	87.4	77.3	99.4	81.6	...	79.6	0.802	62	...	W S W	69	...	Do.
19	29.750	0.106	88.6	77.6	97.2	82.7	...	81.4	0.799	59	...	West	67	...	Cloudy.
20	29.743	0.121	86.5	78.1	94.3	81.2	...	79.2	0.842	65	...	South	77	...	Do.
21	29.692	0.160	88.2	79.1	99.6	80.7	...	79.3	0.873	66	...	S W by W	50	...	Fine with passing clouds.
22	29.697	0.109	87.6	79.5	95.5	81.7	...	79.4	0.900	69	...	S W	60	...	Cloudy : th. and lg. W.
23	29.730	0.051	84.8	77.1	92.4	81.7	...	79.2	0.828	69	...	S W by W	73	...	Cloudy.
24	29.744	0.114	86.2	77.5	93.5	79.0	...	77.5	0.827	66	...	S W	69	...	Do.
25	29.739	0.122	84.3	77.0	95.7	77.7	...	75.7	0.830	71	...	W S W	53	0.21	Do : th. and lg.
26	29.704	0.152	83.4	76.0	95.3	76.4	...	75.3	0.799	69	...	NW by W	83	0.30	Do.
27	29.672	0.105	81.7	74.8	88.2	75.9	...	75.1	0.770	71	...	West	100	...	Overcast.
28	29.698	0.096	84.9	76.3	92.3	77.7	...	75.9	0.792	66	...	W by S	87	0.01	Cloudy.
29	29.734	0.096	84.6	75.8	93.4	77.9	...	76.4	0.774	65	...	West	97	...	Overcast.
30	29.711	0.126	86.3	76.1	94.6	79.9	...	79.2	0.764	61	...	West	100	...	Do.
Mean	29.715	0.116	87.0	77.2	97.2	80.7	...	78.5	0.803	62	...	W by S	67	0.66	

Madras Meteorological Observations. 1861—July.

July 1861	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.725	0.130	88.9	74.6	95.7	82.2	...	80.4	0.665	49	..	West	77	...	Cloudy.
2	29.735	0.149	88.8	76.0	98.6	83.6	...	80.7	0.726	53	...	W by S	67	...	Do.
3	29.717	0.138	87.4	77.1	100.5	81.7	...	79.7	0.791	61	...	W S W	50	...	Hazy.
4	29.720	0.121	87.8	78.3	97.5	81.7	...	78.6	0.835	64	...	S W	57	0.07	Cloudy : th. and lg. E. and N. E.
5	29.735	0.129	88.0	79.3	99.1	81.0	...	77.9	0.885	65	...	S W	50	0.03	Hazy : lg. S.
6	29.721	0.128	85.9	78.4	100.2	80.0	...	78.2	0.872	70	...	W by S	73	1.14	Cloudy : lg.
7	29.711	0.128	83.2	77.6	91.3	75.9	...	73.2	0.873	77	...	West	70	0.86	Cloudy.
8	29.690	0.112	82.4	76.4	88.7	74.7	...	71.6	0.830	75	...	W S W	90	...	Do.
9	29.677	0.099	83.6	76.1	91.5	76.9	...	74.7	0.801	70	...	SW by W	80	...	Cloudy.
10	29.649	0.143	84.1	76.5	93.6	76.7	...	75.5	0.812	70	...	West	97	...	Overcast.
11	29.630	0.096	83.6	76.1	88.6	79.7	...	76.2	0.801	69	...	West	100	...	Do.
12	29.648	0.090	83.0	75.7	86.6	78.9	...	76.4	0.791	70	...	W S W	100	...	Do.
13	29.652	0.113	83.6	74.6	91.4	79.4	...	77.7	0.737	63	...	W by N	100	0.02	Do.
14	29.691	0.126	84.4	74.1	92.0	77.5	...	74.9	0.705	59	...	W by N	100	...	Do.
15	29.737	0.121	84.5	75.1	92.6	79.7	...	77.7	0.745	62	...	W N W	100	0.07	Do. : lg.
16	29.718	0.127	84.5	75.9	92.8	78.9	...	76.4	0.780	66	...	W N W	93	...	Cloudy.
17	29.681	0.124	85.9	75.6	92.6	80.7	...	78.0	0.748	60	...	West	100	...	Overcast.
18	29.692	0.127	86.6	75.3	94.6	79.9	...	77.8	0.726	58	...	W S W	87	0.02	Cloudy : lg.
19	29.729	0.140	85.6	75.7	95.3	79.9	...	76.2	0.757	61	...	W by S	93	...	Cloudy.
20	29.756	0.142	86.7	78.6	97.4	79.7	...	76.4	0.840	63	...	W S W	73	0.01	Cloudy : lg.
21	29.736	0.119	86.8	77.3	95.3	79.7	...	76.2	0.810	63	...	S W	77	...	Do.
22	29.726	0.120	85.7	75.6	89.7	80.5	...	78.2	0.751	61	...	W by S	97	...	Overcast.
23	29.724	0.141	88.1	76.9	94.6	82.2	...	80.4	0.775	58	...	W N W	87	...	Cloudy.
24	29.766	0.117	86.8	76.7	97.5	80.7	...	79.6	0.784	62	...	West	83	0.03	Do.
25	29.786	0.142	85.0	75.8	96.1	79.2	...	75.5	0.767	64	...	S W	50	...	Fine with passing clouds.
26	29.782	0.113	86.5	77.4	95.5	79.5	...	76.8	0.815	65	...	S S W	47	...	Do.
27	29.783	0.099	83.0	76.4	92.5	78.7	...	77.2	0.822	73	...	S W	43	...	Do.
28	29.773	0.112	86.3	78.3	93.2	79.9	...	78.7	0.862	63	...	South	20	...	Do. : lg. N. W.
29	29.789	0.119	86.0	76.6	95.5	79.6	...	75.4	0.790	63	...	S W	47	...	Do. : lg. W.
30	29.742	0.125	86.3	77.9	93.4	77.5	...	74.9	0.843	67	...	SW by W	47	...	Do. : lg. W.
31	29.714	0.103	86.2	77.1	95.7	80.7	...	78.2	0.809	65	...	S W	49	0.93	Do.
Mean	2.720	0.121	85.7	76.5	94.2	79.6	...	77.1	0.792	64	...	W S W	74	3.18	

Madras Meteorological Observations. 1861—August.

August 1861.	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.723	0.107	84.6	77.2	91.7	76.9	...	74.1	0.831	70	...	S S W	63	0.42	Cloudy.
2	29.766	0.124	81.0	76.6	89.6	74.9	...	73.7	0.857	81	...	N W by N	90	0.35	Do. : lg. W.
3	29.741	0.130	79.8	76.1	85.7	74.5	...	73.2	0.852	84	...	West	77	...	Do.
4	29.713	0.117	82.6	77.8	92.3	75.7	...	74.2	0.889	80	...	S W by W	37	...	Do. : lg. S. W.
5	29.747	0.117	83.7	77.9	92.7	76.5	...	75.2	0.879	76	...	S S W	17	...	Fine.
6	29.753	0.130	84.7	78.7	90.9	79.3	...	76.7	0.901	76	...	South	31	...	Fine with passing clouds.
7	29.749	0.101	84.7	79.2	89.6	78.9	...	76.2	0.935	77	...	South	23	0.10	Do.
8	29.734	0.106	83.2	78.2	93.2	76.9	...	76.2	0.899	79	...	W S W	57	2.32	Do. : th. and lg.
9	29.724	0.116	82.2	78.4	89.4	75.2	...	72.2	0.822	84	...	West	77	0.56	Cloudy.
10	29.753	0.087	78.6	76.8	84.4	73.7	...	72.1	0.899	92	...	W S W	97	0.03	Overcast.
11	29.774	0.109	79.2	77.0	83.9	75.7	...	74.2	0.869	90	...	W S W	93	...	Overcast : lg. W.
12	29.772	0.121	80.3	77.3	86.3	76.3	...	74.7	0.898	87	...	W S W	97	0.02	Overcast.
13	29.728	0.120	82.3	78.6	90.9	75.7	...	73.7	0.928	84	...	W by S	87	0.01	Cloudy : lg. S. W.
14	29.691	0.111	81.3	78.2	90.8	75.7	...	75.2	0.925	87	...	W by N	97	0.23	Overcast : lg. S. E.
15	29.709	0.084	79.5	77.4	88.2	75.7	...	74.2	0.913	91	...	W N W	97	0.29	Overcast : lg. S. E.
16	29.718	0.095	82.7	79.1	91.5	76.1	...	73.4	0.947	85	...	W S W	80	...	Cloudy.
17	29.725	0.141	83.6	78.5	93.1	77.2	...	74.2	0.913	79	...	W S W	94	...	Cloudy : lg. E.
18	29.684	0.138	82.9	78.4	90.7	77.8	...	74.7	0.912	81	...	W N W	87	0.31	Do.
19	29.661	0.129	84.4	78.4	92.2	77.4	...	74.7	0.892	75	...	West	70	...	Do.
20	29.710	0.120	85.1	79.1	93.4	77.7	...	74.4	0.914	76	...	W S W	77	...	Do.
21	29.752	0.141	83.7	78.0	94.9	77.5	...	75.2	0.883	70	...	W S W	83	1.56	Do. : lg.
22	29.806	0.114	81.3	75.5	89.5	76.5	...	74.2	0.806	76	...	W by S	100	0.34	Overcast.
23	29.797	0.120	83.0	76.4	92.6	76.2	...	74.3	0.823	73	...	W N W	77	0.12	Cloudy.
24	29.783	0.143	82.9	75.7	90.3	76.7	...	73.9	0.792	70	...	W by S	80	...	Do.
25	29.808	0.095	82.1	76.0	88.6	77.7	...	76.7	0.817	75	...	West	100	...	Overcast.
26	29.792	0.134	84.0	77.3	94.4	77.7	...	76.7	0.847	73	...	S W	67	0.31	Cloudy.
27	29.783	0.144	83.4	76.6	91.5	78.4	...	74.5	0.856	72	...	W S W	83	...	Do.
28	29.753	0.150	83.4	76.2	92.6	79.5	...	76.6	0.808	70	...	W S W	83	0.20	Do.
29	29.741	0.118	82.7	75.9	91.2	77.2	...	76.2	0.804	72	...	West	93	0.71	Cloudy : lg. E.
30	29.749	0.124	83.3	76.1	90.6	77.5	...	75.6	0.805	70	...	W by S	83	...	Cloudy.
31	29.741	0.150	83.4	76.4	89.6	77.9	...	75.7	0.816	71	...	West	70	...	Do.
Mean	29.745	0.121	82.6	77.4	90.5	76.8	...	74.7	0.873	78	...	W S W	76	7.88	

Madras Meteorological Observations. 1861—September.

September 1861	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Humi- dity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.706	0.142	84.9	76.6	92.5	78.7	...	76.2	0.804	67	266	W by N	47	...	Fine with passing clouds.
2	29.701	0.124	86.0	76.4	93.6	79.9	...	73.9	0.782	63	210	West	60	...	Hazy.
3	29.727	0.134	83.2	76.1	95.5	79.9	...	73.2	0.806	71	206	West	50	...	Do. : lg. S. E.
4	29.715	0.146	83.4	76.9	95.4	78.7	...	74.2	0.838	73	195	SW by W	70	0.01	Cloudy.
5	29.739	0.112	84.2	76.2	94.6	78.7	...	74.7	0.797	68	184	W by S	70	...	Do.
6	29.759	0.114	84.2	77.0	94.9	78.7	...	73.2	0.832	71	202	West	27	...	Fine with passing clouds.
7	29.753	0.119	84.6	77.3	92.3	78.7	...	75.2	0.840	71	188	S S W	47	...	Hazy.
8	29.760	0.134	84.9	76.8	92.6	79.0	...	76.2	0.814	68	166	S S W	20	...	Fine.
9	29.747	0.125	85.2	77.5	92.9	77.7	...	74.8	0.840	69	161	S S W	27	...	Hazy.
10	29.743	0.134	84.8	77.3	91.4	78.7	...	75.2	0.837	70	134	S W.	23	...	Do.
11	29.773	0.113	85.2	78.3	91.6	79.0	...	76.2	0.877	72	134	S S W	33	...	Do.
12	29.811	0.114	85.1	78.2	93.8	79.5	...	76.8	0.873	72	154	S W	63	...	Cloudy : th.
13	29.813	0.156	84.3	78.5	94.7	77.7	...	76.7	0.898	76	157	W by S	77	0.33	Do : lg. N. W.
14	29.810	0.138	79.3	76.2	90.8	74.7	...	72.7	0.863	87	132	N W.	50	0.38	Mg. cloudy, aftn. clear.
15	29.767	0.145	79.1	76.3	86.6	73.9	...	73.2	0.870	88	115	N W by N	80	1.79	Cloudy : th. and lg.
16	29.749	0.138	80.3	77.5	85.6	74.7	...	73.2	0.907	88	131	N W.	93	1.22	Cloudy with rain.
17	29.755	0.118	83.1	79.2	90.0	77.3	...	75.7	0.946	83	83	W S W	93	0.05	Cloudy.
18	29.812	0.082	79.9	77.1	90.6	76.7	...	74.4	0.894	88	133	W by S	80	1.91	Cloudy with rain.
19	29.799	0.130	79.7	76.9	89.2	74.5	...	74.2	0.888	88	100	West	77	1.29	Cloudy : th. and lg.
20	29.759	0.137	80.4	77.2	88.8	73.9	...	73.2	0.891	86	144	S W.	67	0.77	Do. do.
21	29.749	0.149	82.5	77.3	88.8	75.2	...	74.0	0.868	78	142	W N W	57	0.29	Do. do.
22	29.801	0.187	80.0	76.7	85.1	77.6	...	75.2	0.876	86	145	S W.	70	0.10	Cloudy.
23	29.802	0.107	77.4	76.1	85.5	75.7	...	75.2	0.885	94	44	W S W	70	0.12	Do.
24	29.792	0.124	79.0	75.5	88.9	75.2	...	73.7	0.837	85	105	West	63	0.71	Do. with rain.
25	29.789	0.111	79.8	76.0	87.8	75.4	...	74.4	0.848	83	97	West	100	0.20	Overcast.
26	29.816	0.071	76.8	73.8	85.1	74.5	...	73.2	0.795	86	104	West	100	0.08	Do.
27	29.807	0.114	79.6	76.0	85.6	74.7	...	73.7	0.851	84	75	W S W	63	...	Fine with passing clouds.
28	29.756	0.151	82.1	77.0	85.7	75.7	...	74.5	0.861	79	132	W N W	53	...	Do.
29	29.720	0.145	82.5	77.2	88.1	76.7	...	75.2	0.864	78	143	W by S	90	...	Cloudy.
30	29.718	0.135	84.0	77.0	91.2	77.3	...	76.7	0.834	72	156	West	73	...	Do.
Mean	29.765	0.129	82.2	76.9	90.3	76.9	...	74.6	0.854	78	145	W by S	63	9.25	

Madras Meteorological Observations. 1861—October.

October 1861	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.728	0.146	84.7	75.8	91.7	79.1	...	77.0	0.772	64	173	W S W	53	...	Hazy.
2	29.750	0.137	84.3	76.5	92.4	79.6	...	77.2	0.809	69	164	W by S	63	...	Cloudy.
3	29.794	0.128	84.6	77.7	94.4	78.5	...	76.2	0.857	72	157	SW by W	37	0.02	Fine with passing clouds.
4	29.779	0.149	84.5	78.0	92.6	77.2	...	74.7	0.872	74	132	...	27	...	Do.
5	29.761	0.135	85.1	76.6	94.1	76.7	...	73.8	0.802	66	123	W S W	53	...	Hazy.
6	29.779	0.139	83.7	76.3	92.6	77.7	...	74.6	0.808	69	114	South	33	...	Fine with passing clouds.
7	29.798	0.124	83.9	76.4	90.8	77.7	...	74.2	0.810	69	106	S by W	30	...	Do.
8	29.837	0.152	83.4	76.5	91.4	76.7	...	74.7	0.820	72	105	S by W	17	...	Fine.
9	29.805	0.151	83.9	75.4	92.6	77.1	...	73.2	0.767	65	99	S S E	30	...	Hazy.
10	29.835	0.126	83.4	75.1	91.8	77.5	...	73.1	0.761	66	79	S E	50	...	Fine with passing clouds.
11	29.839	0.114	83.0	74.7	91.6	75.8	...	72.9	0.752	66	96	S by E	23	...	Fine.
12	29.862	0.129	82.7	76.6	91.1	74.8	...	70.1	0.835	75	79	South	13	...	Do.
13	29.865	0.141	84.3	77.7	92.5	77.2	...	71.1	0.862	74	96	S S E	57	...	Fine with passing clouds.
14	29.879	0.144	84.1	77.7	90.1	79.1	...	72.7	0.869	74	107	S S W	33	...	Do.
15	29.855	0.139	82.9	77.6	91.5	78.5	...	74.7	0.877	78	123	S by W	50	...	Hazy.
16	29.850	0.131	83.2	76.9	92.6	77.2	...	73.7	0.841	74	104	S S W	30	0.01	Do.
17	29.841	0.126	83.8	76.2	93.4	77.7	...	74.8	0.803	69	107	S S E	40	...	Do.
18	29.885	0.114	83.2	75.7	90.8	76.7	...	72.8	0.789	69	98	S S E	20	...	Fine.
19	29.879	0.132	82.7	72.6	91.5	75.5	...	70.7	0.667	60	145	N by E	40	...	Fine with passing clouds.
20	29.847	0.132	78.0	73.4	81.3	74.2	...	71.7	0.763	80	119	N N W	87	0.58	Cloudy with rain.
21	29.873	0.086	81.3	76.2	86.8	74.7	...	72.4	0.836	78	119	South	53	...	Fine with passing clouds.
22	29.919	0.124	81.1	76.2	85.7	75.4	...	73.9	0.838	78	90	E N E	67	0.58	Cloudy with rain.
23	29.823	0.122	80.1	75.7	85.4	75.2	...	73.7	0.830	80	90	N E	63	0.04	Cloudy.
24	29.905	0.124	81.1	75.0	86.1	75.7	...	73.2	0.788	74	95	NE by N	53	...	Fine with passing clouds.
25	29.892	0.124	79.8	76.5	85.8	75.5	...	73.4	0.867	81	85	N N E	70	0.30	Cloudy.
26	29.896	0.103	81.1	76.0	85.9	75.2	...	73.1	0.830	78	130	N N E	43	0.01	Fine with passing clouds.
27	29.880	0.106	79.4	74.9	85.3	74.7	...	71.2	0.806	80	108	N N E	40	...	Do.
28	29.868	0.104	80.3	75.2	86.7	75.2	...	72.2	0.807	78	100	N N E	47	...	Do.
29	29.878	0.097	80.8	74.5	85.9	75.9	...	73.7	0.771	73	148	North	37	...	Fine.
30	29.873	0.124	79.8	73.5	86.4	73.9	...	70.4	0.742	73	154	N N E	47	...	Fine with passing clouds.
31	29.848	0.144	80.1	73.4	86.1	73.7	...	70.7	0.734	71	159	N N E	40	...	Do.: lg. E and S.
Mean	29.845	0.127	82.3	75.8	89.6	76.4	...	73.3	0.806	73	116	S E by E	43	1.54	

Madras Meteorological Observations. 1861—November.

November 1861	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.843	0.102	79.9	74.0	85.9	74.7	...	72.7	0.761	74	171	N N-E	73	...	Cloudy.
2	29.863	0.087	76.4	74.7	83.0	73.5	...	72.7	0.838	92	130	North	90	1.36	Showery.
3	29.874	0.112	77.2	74.4	86.2	73.3	...	74.2	0.816	87	150	N N E	100	0.97	Overcast with rain.
4	29.803	0.118	75.3	73.6	80.6	73.9	...	73.2	0.807	92	130	N N E	100	1.49	Do.
5	29.734	0.125	78.1	74.5	81.0	73.7	...	71.7	0.807	84	192	N by W	100	0.18	Overcast.
6	29.653	0.106	70.8	69.4	74.7	69.9	...	69.2	0.701	92	260	N N W	100	4.98	Overcast with rain.
7	29.673	0.082	72.8	71.6	81.0	69.5	...	69.3	0.760	94	164	W N W	100	1.04	Do.
8	29.711	0.114	77.2	75.2	83.0	69.7	...	68.7	0.849	91	162	S W by S	73	0.51	Cloudy with rain.
9	29.781	0.097	79.1	75.8	87.5	75.7	...	74.4	0.848	86	130	S S W	87	0.46	Do.
10	29.803	0.113	78.2	75.8	87.4	75.3	...	72.3	0.859	89	67	S S-E	93	1.11	Overcast with rain.
11	29.794	0.145	78.3	75.6	85.7	74.1	...	73.0	0.850	88	86	South	83	0.09	Cloudy.
12	29.794	0.136	78.4	75.6	84.0	72.9	...	71.2	0.849	88	65	...	57	...	Do.
13	29.820	0.085	79.3	76.6	85.7	75.7	...	73.7	0.880	88	54	S E.	53	0.22	Do.
14	29.861	0.104	78.0	74.5	79.3	75.3	...	74.5	0.808	84	84	North	73	...	Do.
15	29.860	0.130	76.4	72.4	83.9	72.7	...	70.2	0.743	82	57	North	57	...	Do.
16	29.881	0.157	74.5	69.8	81.9	69.7	...	66.5	0.666	78	81	North	43	...	Fine with passing clouds.
17	29.928	0.109	74.1	68.9	81.8	68.0	...	59.5	0.638	75	77	North	27	...	Fine.
18	29.968	0.128	73.5	69.1	82.2	65.7	...	61.4	0.654	79	61	N by E	23	...	Do.
19	29.962	0.119	74.6	69.4	81.9	66.7	...	61.8	0.650	75	80	North	20	...	Do.
20	29.971	0.090	74.6	69.9	81.8	67.7	...	64.2	0.669	78	119	N by E	33	...	Fine with passing clouds.
21	29.994	0.098	75.4	69.1	80.8	68.2	...	63.7	0.628	71	145	N N E	60	...	Cloudy.
22	30.004	0.107	75.7	70.4	80.7	70.7	...	64.9	0.674	76	130	N N E	70	...	Do.
23	30.005	0.112	76.2	70.8	80.9	72.2	...	70.1	0.682	75	187	North	13	...	Fine.
24	29.997	0.125	74.8	70.5	80.7	68.7	...	67.0	0.690	80	150	N by E	39	...	Hazy.
25	29.998	0.105	76.1	72.4	83.0	70.1	...	67.2	0.747	83	173	North	39	...	Do.
26	30.013	0.119	76.3	73.1	79.7	72.9	...	70.3	0.772	85	172	N N E	47	...	Fine with passing clouds.
27	30.024	0.102	75.4	71.1	80.8	69.7	...	68.2	0.705	80	181	N N E	33	...	Do.
28	29.992	0.145	74.0	69.2	79.9	69.7	...	65.7	0.651	77	154	N N E	3	...	Clear.
29	30.000	0.119	71.8	68.1	79.2	64.9	...	63.2	0.639	82	148	N by E	43	...	Fine with passing clouds.
30	30.007	0.090	73.5	70.3	80.3	65.5	...	64.2	0.700	85	161	N N E	50	...	Do.
Mean	29.887	0.110	75.9	72.2	82.1	71.0	...	68.6	0.745	83	132	N E by N	59	12.32	

Madras Meteorological Observations. 1861—December.

December 1861	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Reduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	30.018	0.105	75.6	73.3	81.1	70.7	...	69.7	0.790	89	181	N N E	73	...	Cloudy.
2	30.011	0.130	75.7	72.0	80.7	73.5	...	72.2	0.736	83	194	N E by N	90	...	Do.
3	29.990	0.120	74.0	72.0	79.9	70.2	...	69.4	0.759	90	162	North	23	...	Fine with passing clouds.
4	29.989	0.106	73.4	70.9	80.1	67.7	...	67.0	0.724	88	139	North	20	...	Fine.
5	29.984	0.097	75.1	73.2	82.0	68.7	...	66.7	0.793	90	130	N by E	17	...	Do.
6	30.017	0.117	77.0	74.9	82.8	72.1	...	69.2	0.839	91	151	N E by N	43	...	Fine with passing clouds.
7	29.999	0.102	76.5	75.0	82.2	71.5	...	70.2	0.840	93	165	N E by E	27	...	Do.
8	29.991	0.128	75.8	74.9	82.7	70.2	...	66.7	0.855	96	110	N E	77	0.04	Cloudy.
9	30.008	0.111	75.4	73.1	82.1	71.5	...	67.7	0.785	89	133	N E by E	30	...	Fine with passing clouds.
10	29.994	0.140	73.6	71.5	82.9	67.7	...	63.2	0.745	90	90	N E by N	33	...	Do.
11	29.945	0.142	73.3	71.2	82.8	67.1	...	62.2	0.739	90	83	N E	23	...	Fine.
12	29.917	0.131	73.1	71.4	80.8	66.5	...	60.9	0.747	92	66	N E	13	...	Clear.
13	29.932	0.120	73.6	71.7	81.3	66.9	...	62.2	0.752	91	82	E N E	40	...	Hazy.
14	29.955	0.139	74.8	72.7	82.3	68.5	...	64.2	0.777	90	89	N E	20	...	Fine.
15	29.943	0.141	75.7	74.0	83.4	68.9	...	65.0	0.818	92	112	N N E	13	...	Do.
16	29.928	0.119	75.4	73.0	82.1	69.9	...	65.5	0.781	88	90	E N E	23	...	Fine with passing clouds.
17	29.919	0.119	75.5	73.4	81.8	68.7	...	64.0	0.796	90	138	N E by N	10	...	Clear.
18	29.954	0.094	75.5	72.6	82.7	68.7	...	63.7	0.763	86	124	N E by N	30	...	Fine with passing clouds.
19	29.964	0.120	75.5	71.0	81.9	69.7	...	65.4	0.700	79	138	N E	80	...	Cloudy.
20	29.960	0.114	74.4	67.9	81.4	68.2	...	64.4	0.597	70	129	N E	43	...	Fine with passing clouds.
21	30.012	0.092	74.9	68.3	81.1	67.4	...	63.2	0.605	70	180	N E	70	...	Cloudy.
22	29.997	0.118	74.7	68.3	81.2	69.9	...	66.2	0.607	70	132	N N E	57	...	Fine with passing clouds.
23	30.000	0.112	73.9	66.7	82.1	66.9	...	63.2	0.559	67	129	N by E	23	...	Hazy.
24	29.991	0.108	75.1	66.6	80.7	68.6	...	65.3	0.540	62	164	N N E	60	...	Do.
25	30.003	0.125	75.1	66.8	80.7	70.7	...	67.2	0.547	63	142	N N E	33	...	Fine with passing clouds.
26	30.015	0.130	73.6	66.4	81.4	65.7	...	61.2	0.553	66	131	N N E	43	...	Do.
27	30.043	0.127	73.2	66.8	80.4	65.3	...	64.7	0.573	70	113	N N E	53	...	Do.
28	29.998	0.135	73.0	66.4	80.4	68.2	...	64.4	0.562	69	94	N N E	43	...	Do.
29	29.978	0.117	75.0	66.4	80.2	64.7	...	59.2	0.535	73	100	N E by N	30	...	Do.
30	30.002	0.132	74.9	67.3	80.9	71.1	...	61.4	0.569	66	162	N E	43	...	Do.
31	29.977	0.111	75.0	66.6	81.1	68.7	...	64.4	0.543	62	204	N N E	57	...	Cloudy.
Mean	29.982	0.120	74.6	70.5	81.5	68.8	...	65.2	0.695	81	131	N E by N	40	0.04	

Madras Mean Monthly and Annual Meteorological Results in 1861.

	Barometer		Dry Bulb Thermometer				Wet Bulb		Tension of Vapour	Relative Humidity	Maximum Sun	Minimum on Grass	Wind		Rain		Clear Sky	
	Reduced to 32°	Daily Range	Mean	Max.	Min.	Range	Mean	Min.	By	Blanford's Tables			Daily Velocity	Mean Direction	Amount	Days		
Inches	Inches	°	°	°	°	°	°	°	Inches	Cents	°	°	Miles	Points	Points	Inches	No.	Cents
January.....	29.966	0.123	75.6	81.6	69.3	12.3	70.2	67.2	0.669	75	..	..	..	8	East	..	..	..
February.....	29.952	0.129	75.2	83.2	66.8	16.4	70.0	65.1	0.668	76	..	..	..	10	E S E	..	..	..
March.....	29.898	0.130	80.2	87.7	72.4	15.3	75.0	71.1	0.800	77	..	..	..	15	S by E	1.04	4	..
April.....	29.791	0.134	84.3	92.4	75.4	17.0	78.2	74.3	0.884	75	..	..	..	16	South	..	..	79
May.....	29.678	0.125	87.5	97.3	80.7	16.6	78.8	76.1	0.868	66	..	..	..	21	S W by W	1.28	2	61
June.....	29.715	0.116	87.0	97.2	80.7	16.5	77.2	74.4	0.803	62	..	..	..	23	W by S	0.66	5	33
July.....	29.720	0.121	85.7	94.2	79.6	14.6	76.5	73.9	0.792	64	..	..	..	22	W S W	3.18	10	26
August.....	29.745	0.121	82.6	90.5	76.8	13.7	77.4	73.4	0.873	78	..	..	..	22	W S W	7.88	17	24
September.....	29.765	0.129	82.2	90.3	76.9	13.4	76.9	73.9	0.854	78	..	..	145	23	W by S	9.25	15	37
October.....	29.845	0.127	82.3	89.6	76.4	13.2	75.8	72.5	0.806	73	..	..	116	11	S E by E	1.54	7	57
November.....	29.887	0.110	75.9	82.1	71.0	11.1	72.2	68.7	0.745	83	..	..	132	3	N E by N	12.32	11	41
December.....	29.982	0.120	74.6	81.5	68.8	12.7	70.5	66.1	0.695	81	..	..	131	3	N E by N	0.04	1	60
Annual	29.829	0.124	81.1	89.0	74.6	14.4	74.9	71.4	0.788	74	..	..	...	15	S by E	37.19	72	..

Madras Extreme Monthly Meteorological Records in 1861.

	Barometer				Dry Bulb Thermometer				Wet Bulb		Humidity		Sun Thermometer		Grass Thermometer		Wind				Rain.	
	Highest		Lowest		Range		Highest		Lowest		Lowest		Lowest		Lowest		Highest		Lowest		Greatest Fall	
	Inches	Day	Inches	Day	Inches	Day	°	Day	°	Day	Cents	Day	°	Day	°	Day	Miles	Day	Miles	Day	Inches	Day
January ...	30.115	1	29.822	29	0.293		84.6	29	65.2	5	63.6	5	58	29	...	...	...	...	...	...	...	...
February ...	30.105	19	29.796	5	0.309		86.1	7	62.2	16	61.0	16	50	7	...	...	...	...	...	...	...	...
March	30.059	2	29.728	18	0.331		93.8	22	66.9	4	65.0	4	61	8	...	...	...	...	...	...	0.73	20
April	29.941	3	29.622	29	0.319		100.3	29	68.7	3	67.1	3	44	29	...	...	...	...	...	...	...	...
May	29.880	2	29.527	23	0.353		106.9	12	77.2	3	70.9	21	37	22	...	...	...	...	...	...	...	...
June	29.815	5	29.549	1	0.266		102.0	9	75.9	27	72.3	17	36	3	...	...	...	...	...	...	1.20	19
July	29.845	25	29.572	10	0.273		100.5	3	74.7	8	71.2	13	39	2	...	...	...	...	...	...	0.30	26
August ...	29.863	27	29.590	19	0.263		94.9	21	73.7	10	71.3	3	53	21	...	...	...	...	...	...	1.14	6
September.	29.880	13	29.630	2	0.250		95.5	3	73.9	15	72.1	26	48	2	...	...	...	...	...	...	2.32	8
October ...	29.982	23	29.650	1	0.332		94.4	3	73.7	31	69.6	20	44	19	...	...	...	...	...	...	1.91	18
November .	30.072	26	29.616	6	0.456		87.5	9	64.9	29	62.6	17	49	16	...	...	...	...	...	...	0.58	20
December..	30.103	27	29.859	17	0.244		83.4	15	64.7	29	62.9	29	53	23	...	...	...	...	...	...	4.98	6
															...	...	...	...	...	...	0.04	8

Madras Meteorological Observations. 1862—January.

January 1862	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.949	0.121	74.2	67.9	79.6	68.7	...	65.5	0.600	71	235	North	97	...	Overcast.
2	29.949	0.147	73.9	68.2	81.2	71.2	...	69.5	0.615	73	237	North	30	...	Fine.
3	29.959	0.116	72.6	70.1	77.3	68.7	...	67.0	0.704	88	260	North	100	0.02	Overcast.
4	29.987	0.113	76.1	73.1	79.9	71.9	...	72.0	0.776	86	220	N E	60	0.05	Cloudy
5	29.969	0.123	77.3	73.9	82.5	72.7	...	72.2	0.793	84	114	East	37	...	Hazy.
6	29.975	0.125	76.4	72.8	82.4	70.7	...	69.0	0.760	84	112	E S E	47	0.02	Fine with passing clouds.
7	29.987	0.127	77.3	73.1	83.0	71.7	...	69.0	0.760	81	95	E S E	80	...	Cloudy.
8	29.934	0.114	78.0	73.7	83.9	73.7	...	71.2	0.735	81	136	S E	37	0.05	Fine with passing clouds.
9	29.911	0.147	77.2	73.3	83.9	71.2	...	63.8	0.768	82	126	South	53	0.07	Do.
10	29.939	0.125	77.4	74.0	83.5	72.8	...	70.6	0.795	84	119	S by E	67	0.17	Cloudy.
11	29.976	0.126	77.9	73.6	82.7	74.2	...	70.5	0.745	81	125	S E	77	...	Do.
12	29.977	0.145	75.5	71.8	82.4	70.1	...	66.8	0.731	81	107	E S E	53	...	Fine with passing clouds.
13	29.961	0.127	76.1	71.0	82.4	70.2	...	66.4	0.692	77	106	S E	17	...	Fine.
14	29.999	0.126	75.3	70.2	81.9	67.7	...	62.9	0.672	77	98	E S E	10	...	Clear.
15	30.022	0.118	76.6	71.2	82.2	70.7	...	67.3	0.692	75	115	E by S	23	...	Fine.
16	30.025	0.134	75.1	69.3	80.8	67.6	...	64.0	0.649	73	102	East	27	...	Do.
17	30.015	0.126	74.8	68.3	81.2	67.4	...	63.1	0.579	70	115	East	27	...	Do.
18	30.037	0.131	75.1	68.6	81.5	67.2	...	63.7	0.613	71	119	E N E	27	...	Do.
19	30.033	0.123	75.4	68.9	81.0	67.2	...	63.0	0.621	71	118	E N E	37	...	Fine with passing clouds.
20	30.026	0.084	76.5	69.9	81.7	71.9	...	68.0	0.644	71	135	E N E	53	0.11	Cloudy.
21	30.008	0.127	74.1	67.6	80.3	69.3	...	65.9	0.590	70	149	NE by N	40	...	Fine with passing clouds.
22	30.027	0.126	75.0	66.9	80.7	69.7	...	64.9	0.553	64	139	N E	40	...	Do.
23	30.006	0.084	75.7	68.1	81.4	70.2	...	66.2	0.587	66	200	NE by E	43	...	Do.
24	29.992	0.118	75.3	68.1	80.4	68.7	...	67.4	0.592	67	203	N E	33	...	Do.
25	29.994	0.113	74.5	67.4	80.9	68.7	...	64.0	0.577	68	175	N E	33	...	Do.
26	29.939	0.157	73.4	67.3	81.2	66.5	...	63.5	0.589	72	125	N E	63	...	Cloudy.
27	29.864	0.150	72.1	68.3	80.7	64.6	...	60.3	0.629	82	83	N E	63	...	Do.
28	29.876	0.106	74.5	70.0	81.7	66.7	...	63.1	0.674	79	99	E N E	50	...	Do.
29	29.939	0.120	75.2	69.5	81.8	68.3	...	65.2	0.647	74	1.4	E N E	27	...	Fine with passing clouds.
30	29.952	0.112	75.2	68.8	82.3	67.7	...	64.0	0.619	71	109	N E	53	...	Cloudy.
31	29.936	0.115	74.3	68.4	81.5	68.9	...	65.5	0.616	72	125	N E	53	...	Do.
Mean	29.973	0.123	75.4	70.1	81.5	69.6	...	66.5	0.665	76	141	E by N	47	0.49	

Madras Meteorological Observations. 1862—February.

February 1862	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Reduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.916	0.126	74.5	68.0	81.6	67.2	...	63.3	0.599	70	120	NE by E	30	...	Fine with passing clouds.
2	29.924	0.114	73.9	68.4	81.3	65.7	...	63.5	0.622	74	133	N E.	33	...	Do.
3	29.912	0.117	75.8	69.6	82.9	69.4	...	66.0	0.643	72	118	N E.	37	...	Do.
4	29.902	0.110	74.6	70.0	82.0	67.5	...	63.9	0.673	79	107	E by N	43	...	Do.
5	29.943	0.090	75.4	69.7	82.1	66.4	...	62.8	0.652	74	89	E N E	23	...	Fine.
6	29.987	0.106	75.7	69.5	83.1	67.2	...	63.6	0.639	72	144	E N E	23	...	Do.
7	29.991	0.116	74.7	68.4	82.3	66.7	...	62.8	0.612	71	138	N E.	73	...	Cloudy.
8	30.009	0.102	74.8	66.6	81.7	68.3	...	63.8	0.545	63	181	E N E	57	...	Do.
9	30.042	0.108	74.4	66.1	81.0	66.5	...	63.5	0.531	62	155	NE by E	57	...	Do.
10	30.020	0.106	75.6	67.6	82.0	69.5	...	65.0	0.570	64	177	E N E	47	...	Fine with passing clouds.
11	30.012	0.116	75.2	68.7	82.1	66.5	...	62.8	0.616	71	181	NE by E	37	...	Do.
12	30.042	0.117	78.4	72.2	83.3	75.1	...	72.0	0.708	73	244	NE by E	87	...	Cloudy.
13	30.023	0.122	78.1	72.1	81.0	76.8	...	74.0	0.709	74	232	N E.	100	...	Overcast.
14	29.999	0.130	78.8	72.7	84.0	75.9	...	73.4	0.751	74	201	NE by N	73	...	Cloudy.
15	29.961	0.122	77.7	71.0	83.6	72.0	...	69.0	0.670	71	123	N E.	47	...	Hazy.
16	29.961	0.106	77.3	70.8	84.0	71.2	...	69.4	0.664	71	171	N E.	43	...	Fine with passing clouds.
17	29.946	0.106	76.9	70.3	83.5	70.1	...	67.3	0.654	71	161	N N E	60	...	Cloudy.
18	29.951	0.102	76.2	70.4	82.9	69.5	...	67.1	0.667	74	148	N N E	27	...	Fine with passing clouds.
19	29.970	0.116	75.5	69.7	82.8	66.7	...	63.5	0.643	74	129	N N E	17	...	Fine.
20	29.948	0.143	75.9	68.3	83.8	67.2	...	62.4	0.592	66	111	N E.	20	...	Do.
21	29.909	0.134	75.1	67.2	84.8	65.6	...	61.2	0.562	64	98	E by N	0	...	Clear.
22	29.913	0.121	74.8	68.3	84.5	65.6	...	61.2	0.606	70	92	S E.	0	...	Do.
23	29.917	0.117	74.6	68.4	84.0	64.9	...	60.0	0.613	71	91	E S E	0	...	Do.
24	29.931	0.116	74.5	69.2	84.2	65.9	...	61.1	0.644	75	86	E S E	0	...	Do.
25	29.931	0.122	75.6	69.6	83.7	66.9	...	62.8	0.644	73	104	E S E	3	...	Do.
26	29.872	0.154	73.7	67.3	83.3	65.9	...	61.5	0.584	70	85	E by S	13	...	Fine.
27	29.847	0.153	76.4	66.1	88.1	63.5	...	58.3	0.505	55	114	S E.	17	...	Do.
28	29.885	0.105	79.1	72.7	87.5	70.7	...	67.0	0.718	72	152	South	17	...	Do.
Mean	29.952	0.118	75.8	69.2	83.3	68.4	...	64.7	0.630	70	139	E N E	35	...	

Madras Meteorological Observations. 1862—March.

March 1862	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Dirce- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cent	Miles	Points	Cents	Inches	
1	29.892	0.155	79.2	74.1	86.9	71.7	...	67.0	0.776	78	167	S by E	13	...	Fine.
2	29.885	0.132	79.9	73.6	87.9	73.9	...	70.7	0.745	73	172	South	10	...	Do.
3	29.909	0.120	80.6	74.1	88.6	73.6	...	69.0	0.756	72	192	South	17	...	Light haze.
4	29.960	0.095	79.1	72.6	86.4	72.0	...	67.5	0.715	72	180	S by E	27	...	Fine.
5	29.929	0.139	78.9	72.3	86.9	71.3	...	66.7	0.706	72	168	South	0	...	Clear.
6	29.935	0.106	78.5	71.6	86.1	71.3	...	67.8	0.683	70	145	South	13	...	Fine.
7	29.978	0.101	79.0	72.1	86.3	71.5	...	67.2	0.696	70	123	S by E	17	...	Do.
8	29.986	0.133	78.2	70.7	86.3	69.7	...	65.2	0.652	68	109	S E by S	17	...	Do.
9	29.947	0.130	78.4	70.9	86.1	69.9	...	66.5	0.658	68	135	E by N	10	...	Do.
10	29.893	0.129	79.9	74.0	87.0	72.0	...	68.3	0.761	74	162	E S E	13	...	Do.
11	29.887	0.133	81.4	75.5	89.1	73.9	...	70.4	0.817	75	164	South	20	...	Do.
12	29.940	0.126	80.9	75.1	88.7	74.2	...	70.4	0.794	76	155	S S E	13	...	Do.
13	29.967	0.116	80.7	74.2	88.1	73.3	...	70.0	0.759	72	105	S E.	40	...	Fine with passing clouds.
14	29.996	0.133	80.5	73.9	88.2	74.2	...	70.8	0.749	72	137	E S E	30	...	Do.
15	30.008	0.122	79.3	71.2	86.7	71.7	...	67.6	0.631	66	146	E N E	30	...	Do.
16	29.980	0.125	78.2	70.7	87.0	71.7	...	67.5	0.652	68	116	N E by E	17	...	Hazy.
17	29.937	0.133	77.2	71.6	86.4	69.8	...	65.2	0.701	75	106	N E by E	10	...	Fine.
18	29.913	0.112	78.4	72.6	87.3	69.8	...	64.8	0.724	75	97	E N E	40	...	Fine with passing clouds.
19	29.938	0.110	79.7	73.0	87.1	72.5	...	68.6	0.723	71	109	E N E	43	...	Do.
20	29.907	0.134	78.8	72.1	87.9	71.4	...	67.2	0.699	71	112	E N E	7	...	Clear.
21	29.851	0.145	79.3	71.0	90.8	71.3	...	67.5	0.649	65	78	N N E	0	...	Do.
22	29.835	0.124	78.9	68.6	90.7	69.4	...	63.3	0.562	57	106	N N E	23	...	Fine.
23	29.835	0.124	78.4	68.9	90.9	66.1	...	64.7	0.581	60	106	North	17	...	Do.
24	29.856	0.136	80.3	71.5	89.8	68.7	...	64.0	0.655	63	105	North	7	...	Clear.
25	29.882	0.187	81.2	74.5	90.5	73.2	...	69.4	0.766	72	138	N N. W	27	...	Light haze.
26	29.868	0.151	82.2	75.7	91.1	77.0	...	74.8	0.802	73	193	North	33	...	Fine with passing clouds.
27	29.850	0.134	82.1	75.5	89.4	75.7	...	73.8	0.796	73	105	N N. E	23	...	Do.
28	29.884	0.118	82.8	77.3	89.6	78.3	...	75.6	0.864	77	185	South	37	...	Do.
29	29.917	0.125	81.8	76.7	89.2	77.7	...	76.1	0.852	79	168	S by E	37	0.01	Do.
30	29.867	0.122	82.8	75.6	91.2	75.0	...	71.0	0.789	70	180	South	7	...	Fine.
31	29.886	0.123	84.8	76.4	91.7	77.3	...	73.4	0.797	66	202	S by E	40	...	Fine with passing clouds.
Mean	29.914	0.128	80.0	73.1	88.4	72.6	...	68.8	0.726	71	141	E S. E	21	0.01	

Madras Meteorological Observations. 1862—April.

April 1862	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Reduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion.			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.887	0.170	83.1	76.4	90.2	76.9	...	73.8	0.820	72	194	S by E	40	...	Fine with passing clouds.
2	29.867	0.155	83.1	75.9	91.2	75.1	...	71.0	0.798	70	180	South	37	...	Do.
3	29.863	0.131	82.6	75.3	90.5	75.5	...	71.4	0.780	70	167	S by W	0	...	Clear.
4	29.887	0.134	81.4	75.1	89.6	73.0	...	63.4	0.788	73	163	South	7	...	Do.
5	29.919	0.114	80.4	73.1	88.7	72.5	...	67.8	0.718	69	146	S by E	7	...	Do.
6	29.924	0.124	80.0	72.9	88.5	70.6	...	66.0	0.715	70	115	S E by S	3	...	Do.
7	29.881	0.140	80.7	73.3	89.3	71.7	...	66.7	0.721	69	130	S by E	0	...	Do.
8	29.862	0.141	80.8	74.7	90.9	71.6	...	67.0	0.779	74	142	S by W	60	...	Cloudy.
9	29.870	0.143	81.7	74.2	90.2	72.8	...	68.2	0.746	69	138	South	0	...	Clear.
10	29.894	0.102	81.9	74.6	92.3	72.2	...	67.4	0.760	70	150	South	0	...	Do.
11	29.928	0.133	81.4	74.6	90.5	72.5	...	68.1	0.766	72	115	South	7	...	Do.
12	29.942	0.136	80.9	74.4	90.9	72.8	...	69.2	0.765	72	117	South	13	...	Fine.
13	29.956	0.141	81.9	75.0	91.6	72.2	...	66.8	0.776	71	112	S S E	3	...	Clear.
14	29.893	0.160	82.5	76.1	90.7	73.7	...	69.4	0.815	73	141	S by E	0	...	Do.
15	29.833	0.182	84.6	76.0	94.0	76.6	...	71.9	0.783	66	188	South	27	...	Light haze.
16	29.802	0.154	84.9	78.4	93.0	78.6	...	75.9	0.885	74	221	South	7	...	Clear.
17	29.804	0.144	85.5	79.2	93.6	79.6	...	77.2	0.914	75	209	South	7	...	Do.
18	29.790	0.137	85.3	80.2	92.3	79.8	...	73.0	0.964	79	220	South	27	...	Light haze.
19	29.778	0.122	85.6	81.2	92.7	80.8	...	79.0	1.006	81	254	S by E	0	...	Clear.
20	29.806	0.117	85.5	81.7	91.8	81.1	...	79.2	1.023	84	247	S by E	27	...	Light haze.
21	29.832	0.120	85.3	80.7	91.9	80.8	...	79.0	0.987	81	225	S S E	30	...	Fine with passing clouds.
22	29.861	0.104	83.7	76.8	91.5	79.3	...	77.0	0.829	72	176	S S E	30	...	Hazy.
23	29.857	0.151	83.3	75.6	91.7	75.1	...	71.2	0.784	69	160	S S E	13	...	Fine.
24	29.820	0.161	84.5	76.9	93.2	75.9	...	72.6	0.824	70	176	S by E	13	...	Do.
25	29.753	0.171	85.1	78.7	92.9	77.8	...	74.7	0.895	74	193	South	10	...	Do.
26	29.702	0.158	86.0	80.4	93.3	79.8	...	78.0	0.963	78	237	South	7	...	Do.
27	29.708	0.146	86.1	81.2	92.5	81.2	...	79.0	1.000	80	243	South	13	...	Clear.
28	29.738	0.114	86.0	82.3	93.8	81.3	...	78.7	1.051	85	238	South	17	...	Fine.
29	29.743	0.126	86.4	82.8	93.2	81.8	...	79.8	1.082	86	250	S S E	27	...	Fine with passing clouds.
30	29.723	0.152	86.6	83.7	92.5	81.8	...	79.5	1.117	88	234	S S E	40	...	Hazy.
Mean	29.838	0.139	83.6	77.4	91.6	76.5	...	73.1	0.862	75	183	S by E	16	...	

Madras Meteorological Observations. 1862—May.

May 1862	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.							
									Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.773	0.124	85.8	82.3	93.0	80.8	...	78.8	1.058	85	218	S S E	30	...	Hazy.
2	29.762	0.128	85.8	79.5	93.0	80.5	...	77.2	0.9.2	75	233	S S E	17	...	Fine.
3	29.783	0.137	86.1	79.0	93.4	80.4	...	78.0	0.900	72	231	South	43	...	Fine with passing clouds.
4	29.826	0.141	86.1	78.5	93.5	80.6	...	78.2	0.874	70	221	S S E	20	...	Hazy.
5	29.866	0.134	86.1	78.1	94.5	80.7	...	77.8	0.854	68	208	S S E	73	...	Cloudy.
6	29.815	0.147	85.2	78.2	91.3	80.2	...	78.0	0.872	72	191	E S E	70	...	Do.
7	29.814	0.171	81.1	74.2	87.3	79.1	...	77.0	0.754	71	160	E N E	77	...	Do.
8	29.792	0.134	85.3	76.6	96.2	76.0	...	72.4	0.799	65	160	S E	23	...	Fine with passing clouds.
9	29.830	0.124	86.4	78.1	93.3	78.6	...	75.5	0.844	67	124	E S E	57	...	Cloudy.
10	29.818	0.116	84.9	77.7	93.5	78.6	...	76.0	0.854	71	107	E by S	60	...	Do.
11	29.767	0.160	86.0	77.3	94.5	78.6	...	76.0	0.820	65	159	S E	17	...	Fine.
12	29.711	0.174	87.8	79.7	97.2	80.6	...	78.8	0.904	69	217	S S E	40	...	Fine with passing clouds.
13	29.743	0.137	88.5	77.3	97.7	81.3	...	77.5	0.787	61	212	S S E	37	...	Do.
14	29.792	0.144	89.8	79.8	101.1	82.6	...	79.8	0.883	63	268	S by E	60	...	Cloudy.
15	29.796	0.153	89.5	79.0	100.3	82.7	...	80.0	0.850	62	228	S S E	57	...	Do.
16	29.753	0.133	88.9	77.6	106.8	83.3	...	78.5	0.795	58	180	South	47	...	Do.
17	29.721	0.144	88.5	78.4	106.1	81.6	...	77.8	0.833	62	220	S by W	40	...	Hazy.
18	29.751	0.107	90.5	79.1	103.4	82.3	...	79.1	0.841	58	231	S S E	40	...	Fine with passing clouds.
19	29.813	0.084	89.0	74.6	101.2	82.7	...	80.3	0.665	43	198	South	37	...	Do.
20	29.775	0.141	89.4	76.7	100.7	82.0	...	78.5	0.758	54	222	S S E	7	...	Clear.
21	29.724	0.143	89.5	78.4	102.0	83.4	...	80.3	0.823	59	307	S S E	7	...	Do.
22	29.746	0.122	89.2	77.8	99.1	82.6	...	80.9	0.800	58	328	S S E	10	...	Fine.
23	29.826	0.083	84.0	78.6	95.2	76.8	...	71.6	0.907	76	199	S by E	27	0.60	Fine with passing clouds.
24	29.829	0.129	86.3	79.5	95.0	81.0	...	79.2	0.917	73	273	S by E	20	...	Fine : lg. S. W.
25	29.806	0.147	87.3	79.3	97.4	80.8	...	79.0	0.894	69	231	S by E	0	...	Clear.
26	29.759	0.170	88.7	79.6	97.6	81.8	...	79.8	0.890	66	236	S S E	13	...	Fine.
27	29.745	0.147	89.3	78.7	97.5	81.8	...	78.9	0.839	61	177	S S E	10	...	Clear.
28	29.714	0.112	89.8	76.7	103.5	82.6	...	79.8	0.743	53	182	S by W	49	...	Passing clouds: th. and lg. W.
29	29.687	0.120	90.3	77.6	103.9	83.4	...	80.3	0.776	55	228	S S W	53	...	Hazy : th. and lg.
30	29.675	0.126	89.0	78.9	107.1	82.8	...	78.5	0.853	63	202	South	93	...	Fine : th. and lg. W. and N.
31	29.699	0.165	89.6	78.0	101.9	79.8	...	76.0	0.804	58	249	S S W	80	...	Hazy.
Mean	29.771	0.135	87.5	78.2	98.0	81.0	...	78.0	0.842	65	213	S S E	39	0.69	

Madras Meteorological Observations. 1862—June.

June 1862	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city.	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.753	0.099	79.2	75.8	93.5	73.8	...	73.0	0.846	85	130	S S W	70	0.16	Cloudy.
2	29.734	0.133	86.2	79.4	96.4	78.1	...	76.0	0.913	73	179	South	53	...	Do.
3	29.752	0.112	86.9	79.6	94.7	80.6	...	78.6	0.914	71	200	S by E	20	...	Fine.
4	29.714	0.116	87.5	80.2	96.8	80.1	...	78.2	0.934	71	215	South	30	...	Fine with passing clouds.
5	29.668	0.135	88.4	79.2	101.1	81.6	...	79.3	0.874	65	289	South	20	...	Fine.
6	29.679	0.124	87.5	78.4	102.6	79.0	...	76.8	0.850	65	225	South	40	0.26	Mg. fine, evg. th. & lg.
7	29.699	0.174	84.3	79.1	97.7	73.6	...	73.0	0.925	78	216	S by W	80	...	Cloudy.
8	29.732	0.137	87.2	79.0	97.9	80.6	...	77.4	0.881	68	248	South	57	...	Do.
9	29.724	0.139	88.5	80.5	100.9	81.4	...	80.2	0.935	70	232	S S W	40	...	Fine with passing clouds.
10	29.689	0.165	88.3	79.9	102.1	82.6	...	80.2	0.908	69	224	S W	57	...	Hazy.
11	29.667	0.122	91.2	74.0	103.6	82.6	...	79.8	0.645	44	228	S W	57	...	Cloudy.
12	29.704	0.116	90.3	72.5	103.9	81.8	...	79.0	0.560	39	264	S W	53	...	Do.
13	29.742	0.122	87.1	76.6	95.2	81.6	...	80.4	0.773	60	230	S by E	53	...	Do.
14	29.758	0.140	88.4	76.2	101.1	82.4	...	81.0	0.740	55	194	S S W	70	...	Do.
15	29.748	0.133	87.5	76.2	101.2	82.6	...	79.4	0.752	57	155	S by W	77	...	Do.
16	29.676	0.161	88.3	77.0	99.1	83.1	...	81.3	0.776	58	225	South	50	0.57	Passing clouds : thunderstorm.
17	29.706	0.137	83.1	77.1	94.7	78.1	...	75.5	0.848	75	125	S by W	70	0.25	Cloudy : th. & lg. S and E.
18	29.751	0.077	83.2	74.9	90.4	79.6	...	76.3	0.755	66	116	S S W	93	...	Overcast.
19	29.755	0.145	86.2	76.7	100.0	80.6	...	78.0	0.792	63	156	S by W	63	0.73	Cloudy : rain.
20	29.745	0.156	82.8	77.2	94.8	76.6	...	73.2	0.869	77	203	S by W	67	1.09	Cloudy : th. & lg.
21	29.700	0.119	85.4	76.6	95.6	77.6	...	74.7	0.728	65	198	South	23	...	Hazy : lg. S.
22	29.671	0.117	86.6	75.6	96.7	78.1	...	74.0	0.738	58	189	South	13	...	Fine : lg. S. W
23	29.667	0.083	86.6	76.6	95.7	79.6	...	76.5	0.782	62	183	South	40	0.28	Hazy : lg.
24	29.682	0.095	85.4	77.6	100.5	79.6	...	75.0	0.843	69	145	S W by S	40	0.01	Cloudy : lg. S. W.
25	29.678	0.135	86.1	76.3	94.0	79.6	...	76.4	0.776	62	175	S W	70	...	Cloudy.
26	29.650	0.123	86.3	75.7	96.7	80.7	...	78.2	0.747	60	157	S W by W	77	0.01	Do.
27	29.695	0.120	89.3	76.4	100.7	80.6	...	77.2	0.736	53	182	S W	67	0.04	Do.
28	29.598	0.130	90.5	75.1	99.7	73.0	...	77.5	0.664	46	196	W S W	70	...	Do.
29	29.597	0.134	86.4	75.0	99.6	78.0	...	80.8	0.715	57	218	West	90	0.27	Do.
30	29.618	0.140	87.3	76.0	98.2	77.6	...	74.4	0.740	57	151	S S W	70	...	Do.
Mean	29.695	0.128	86.7	77.0	98.2	79.8	...	77.4	0.804	63	195	S S W	56	3.67	

Madras Meteorological Observations. 1862—July.

July 1862	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun									Grass
			Dry	Wet	Max.	Min.	Max.	Min.							
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.690	0.104	87.6	76.2	97.6	81.4	...	76.8	0.751	57	178	S S W	57	...	Cloudy.
2	29.737	0.118	87.1	77.2	100.7	81.7	...	77.9	0.801	62	175	S S W	50	...	Morning clear, night overcast.
3	29.739	0.105	86.8	78.5	97.6	80.6	...	78.4	0.856	68	149	S S W	57	0.02	Hazy.
4	29.719	0.089	85.8	78.1	99.5	82.1	...	79.4	0.859	69	163	South	57	0.23	Cloudy : th. W.
5	29.674	0.107	86.8	78.4	98.7	79.6	...	76.4	0.859	67	157	S S W	73	0.06	Cloudy : lg. N. W.
6	29.671	0.125	87.9	76.4	99.2	79.8	...	76.0	0.756	57	183	W S W	73	...	Cloudy.
7	29.686	0.120	83.7	76.4	97.2	77.2	...	76.2	0.812	70	151	S W	100	1.13	Overcast with rain : lg. S. E.
8	29.701	0.122	84.5	77.5	95.9	76.7	...	74.7	0.850	72	173	S S W	57	0.03	Cloudy : lg. S.
9	29.705	0.152	84.2	78.5	95.0	78.8	...	76.5	0.899	77	162	S S W	100	...	Overcast.
10	29.730	0.135	81.2	75.7	95.4	75.2	...	71.9	0.816	77	174	S by W	100	1.90	Overcast : rain : th. & lg. S. & W.
11	29.689	0.144	82.0	76.9	95.6	73.7	...	72.0	0.858	79	201	S S W	70	0.86	Cloudy : rain : th. and lg.
12	29.672	0.129	84.3	77.0	94.3	74.8	...	71.8	0.830	71	164	S W	83	...	Cloudy.
13	29.722	0.130	86.5	78.3	98.5	78.8	...	74.6	0.859	68	182	S W	40	...	Hazy.
14	29.702	0.152	86.5	79.1	99.5	80.4	...	77.0	0.895	70	193	S W by S	47	...	Cloudy.
15	29.660	0.145	85.6	78.0	96.7	79.6	...	76.2	0.858	70	196	South	50	...	Do.
16	29.681	0.095	86.5	79.3	97.8	80.4	...	78.0	0.905	71	186	S by W	33	...	Passing clouds : lg. S. W.
17	29.676	0.124	84.8	79.2	97.7	79.9	...	76.8	0.924	77	176	S S W	83	...	Cloudy.
18	29.705	0.133	86.1	78.1	96.5	80.6	...	77.4	0.855	68	174	South	37	...	Passing clouds : lg. S. E.
19	29.713	0.135	86.9	79.2	98.9	80.6	...	78.0	0.895	70	188	S by W	57	...	Passing clouds.
20	29.714	0.138	86.1	79.9	98.1	80.8	...	78.2	0.938	75	191	S by W	53	...	Hazy.
21	29.690	0.136	86.1	80.6	100.1	80.0	...	77.5	0.974	78	192	S S W	70	0.25	Cloudy : lg. S. E.
22	29.661	0.160	86.8	79.7	99.7	79.6	...	76.4	0.920	72	188	S S W	37	...	Hazy.
23	29.667	0.139	87.4	78.2	100.0	82.3	...	78.5	0.843	65	191	S by W	50	...	Do.
24	29.689	0.138	87.1	77.0	99.7	81.6	...	77.6	0.793	62	170	South	47	...	Do. : lg. N. E.
25	29.681	0.126	86.3	76.1	98.4	82.4	...	78.0	0.764	61	183	S by W	90	...	Overcast.
26	29.635	0.140	86.0	76.9	98.7	79.1	...	75.3	0.803	62	161	S by W	60	...	Hazy.
27	29.657	0.153	87.6	75.6	99.6	80.8	...	76.2	0.725	56	167	S W by S	77	...	Cloudy.
28	29.684	0.135	87.6	76.9	101.0	81.8	...	77.0	0.781	60	188	S S W	50	...	Cloudy : lg. S. W.
29	29.711	0.139	86.9	77.5	99.8	81.8	...	76.5	0.818	64	177	S S W	20	...	Fine : lg. S. W.
30	29.713	0.126	84.0	77.6	94.7	78.8	...	73.8	0.843	71	157	South	87	0.05	Cloudy.
31	29.772	0.156	80.8	75.6	87.5	76.9	...	74.7	0.816	78	144	S S W	97	...	Overcast : lg. S. W.
Mean	29.696	0.131	85.8	77.7	97.7	79.6	...	76.3	0.844	69	175	S S W	63	4.53	

Madras Meteorological Observations. 1862—August.

August 1862	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.794	0.088	82.9	76.9	90.7	77.4	...	72.1	0.845	75	125	South	77	0.13	Cloudy.
2	29.775	0.137	86.4	78.2	96.9	78.7	...	74.1	0.855	68	139	S W by S	50	...	Do.
3	29.757	0.125	85.9	77.4	95.2	80.6	...	75.2	0.831	67	160	South	83	...	Cloudy : lg. S. and N. W.
4	29.780	0.133	78.6	75.4	85.0	71.1	...	67.8	0.838	85	109	W S.W	97	2.30	Overcast : rain 1 ^h to 6 ^h .
5	29.777	0.099	83.6	78.0	91.7	77.6	...	73.6	0.885	77	120	S W.	73	0.14	Cloudy.
6	29.728	0.145	83.5	77.1	91.5	77.4	...	72.8	0.843	73	138	S W.	87	...	Cloudy : lg. S. W.
7	29.699	0.132	82.8	76.2	88.9	76.6	...	72.5	0.816	73	113	SW by W	97	...	Overcast : lg. S. W.
8	29.685	0.126	82.5	73.8	92.3	78.1	...	71.5	0.718	64	210	SW by W	90	0.02	Cloudy.
9	29.660	0.120	83.2	74.4	92.9	77.1	...	71.0	0.734	64	206	W S.W	97	0.01	Overcast.
10	29.666	0.111	81.7	75.2	92.3	78.0	...	71.7	0.788	73	155	W S.W	93	0.26	Overcast : lg. S. E.
11	29.687	0.110	79.5	76.3	94.5	76.7	...	72.2	0.865	86	130	S W by S	100	0.90	Overcast : showery.
12	29.653	0.166	83.7	77.2	93.5	76.8	...	71.2	0.847	73	157	S S.W	80	...	Cloudy.
13	29.689	0.119	83.7	77.5	95.1	77.1	...	72.2	0.861	75	180	S S.W	80	...	Do.
14	29.759	0.138	84.5	77.3	97.3	76.6	...	72.3	0.842	71	169	S S.W	47	0.02	Fine with passing clouds.
15	29.782	0.166	85.9	75.9	97.7	77.8	...	73.0	0.761	61	155	W S.W	60	0.04	Cloudy : lg.
16	29.759	0.140	84.9	74.5	92.4	79.6	...	73.4	0.715	60	164	S S.W	73	...	Cloudy : lg. N. E.
17	29.730	0.145	85.2	74.6	95.0	78.8	...	73.8	0.715	59	192	SW by W	93	...	Cloudy.
18	29.699	0.162	84.4	75.6	96.1	79.0	...	73.4	0.771	65	184	S W by S	80	0.01	Do.
19	29.713	0.149	84.1	75.5	97.0	78.0	...	71.0	0.769	66	210	S S.W	47	...	Fine with passing clouds.
20	29.741	0.145	83.9	75.5	95.7	78.8	...	72.8	0.771	67	166	S S.W	53	...	Hazy.
21	29.753	0.154	84.7	75.6	94.7	79.1	...	74.2	0.764	64	167	South	47	0.02	Fine with passing clouds.
22	29.790	0.163	82.0	76.8	92.5	74.2	...	69.5	0.857	78	182	S S.W	40	0.56	Passing clouds : rain : lg. N. W.
23	29.779	0.129	83.3	77.1	92.7	76.1	...	72.5	0.848	74	198	S S.W	63	...	Cloudy.
24	29.794	0.145	83.5	77.0	90.9	77.6	...	71.2	0.841	73	209	S S.W	23	0.01	Fine with passing clouds: lg. S. W.
25	29.772	0.134	84.9	77.4	96.8	78.6	...	72.8	0.840	70	169	S S.W	30	...	Do. do.
26	29.770	0.159	85.3	78.2	96.9	80.0	...	73.8	0.872	72	171	S by W	47	0.06	Do. do.
27	29.771	0.141	85.7	76.6	96.7	79.6	...	73.8	0.794	64	163	South	27	...	Do. do.
28	29.756	0.101	84.7	76.8	94.0	77.6	...	73.5	0.816	68	151	S S.W	60	...	Cloudy : lg. N. W.
29	29.754	0.105	85.0	76.6	94.8	77.8	...	73.4	0.798	66	185	South	50	0.03	Cloudy : th. and lg. W.
30	29.771	0.114	83.0	76.7	97.5	74.0	...	70.0	0.835	74	207	S W	57	...	Cloudy : lg. W.
31	29.789	0.089	82.4	77.2	94.8	75.9	...	72.7	0.865	78	177	S S.W	60	0.05	Cloudy : lg. S. W.
Mean	29.743	0.135	83.7	76.4	94.0	77.5	...	72.4	0.813	70	166	S W by S	66	4.56	

Madras Meteorological Observations. 1862—September.

September 1862	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
	Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles				Points	Cents	Inches
1	29.776	0.139	83.8	76.3	92.3	76.6	...	73.2	0.813	69	158	S S W	60	...	Hazy.
2	29.748	0.120	85.2	76.4	94.2	78.4	...	74.2	0.792	65	147	S S W	57	...	Cloudy : lg. S. W.
3	29.760	0.111	83.3	75.7	89.7	78.4	...	74.0	0.788	69	101	W by S	100	...	Overcast.
4	29.725	0.142	84.6	76.9	93.2	79.6	...	76.4	0.822	69	114	SW by S	93	...	Do.
5	29.745	0.133	84.0	77.1	96.0	77.8	...	74.0	0.838	72	149	S S W	65	...	Cloudy : lg. S. W.
6	29.761	0.135	83.3	76.5	89.9	77.4	...	73.4	0.829	72	109	S by E	32	0.57	Fine with passing clouds.
7	29.764	0.134	83.8	77.7	90.5	77.1	...	74.0	0.869	75	136	S S E	20	...	Light haze.
8	29.760	0.174	84.8	78.4	90.3	81.1	...	77.0	0.886	74	131	S S E	45	...	Hazy.
9	29.715	0.153	85.0	78.1	91.9	78.6	...	75.0	0.870	72	125	SE by S	15	...	Fine.
10	29.691	0.163	85.6	78.3	93.4	79.6	...	77.0	0.872	71	145	S by E	23	...	Fine with passing clouds : lg. N. W.
11	29.690	0.113	84.1	78.5	91.6	77.6	...	75.5	0.901	77	106	S S E	23	0.04	Fine with passing clouds.
12	29.707	0.122	85.0	78.3	92.5	77.6	...	74.0	0.880	73	83	South	53	...	Cloudy : lg. N. E.
13	29.704	0.160	83.4	78.1	92.2	78.6	...	73.8	0.892	78	81	S by W	83	0.02	Cloudy.
14	29.694	0.082	79.2	76.4	87.1	77.9	...	75.5	0.873	87	67	S W	100	0.21	Overcast : lg. S. W.
15	29.667	0.132	82.5	77.0	90.9	76.6	...	74.1	0.855	77	113	SW by S	70	...	Cloudy : lg. S.
16	29.712	0.118	84.3	77.6	94.0	77.1	...	74.7	0.857	73	161	S S W	77	...	Cloudy.
17	29.765	0.122	85.0	77.5	92.9	77.6	...	74.2	0.844	70	164	South	57	...	Hazy.
18	29.785	0.113	85.1	77.5	94.6	78.7	...	76.0	0.843	69	171	South	75	...	Do.
19	29.785	0.134	82.7	76.6	95.5	77.7	...	76.8	0.837	79	183	S S W	88	0.74	Cloudy : th., lg., and rain.
20	29.829	0.139	79.4	76.2	84.2	76.8	...	74.0	0.862	86	61	S by E	98	0.12	Overcast.
21	29.881	0.093	78.2	75.3	83.9	76.6	...	75.0	0.839	87	55	S E	90	0.22	Cloudy.
22	29.898	0.151	77.5	75.0	83.2	74.8	...	73.0	0.836	89	59	South	75	0.84	Do.
23	29.843	0.141	80.0	76.0	90.9	74.3	...	73.2	0.845	82	109	S S W	60	0.13	Cloudy : th. and lg.
24	29.768	0.141	82.3	76.0	90.9	75.8	...	73.8	0.811	73	147	W S W	75	...	Cloudy : lg. N. E.
25	29.726	0.116	80.1	76.4	85.6	76.6	...	75.0	0.861	84	97	W by N	93	0.22	Overcast : lg. N. E.
26	29.686	0.138	80.7	76.0	88.0	72.8	...	72.0	0.849	79	143	West	98	0.16	Overcast.
27	29.668	0.122	82.9	75.7	89.5	77.8	...	75.2	0.792	70	154	W S W	93	...	Do.
28	29.671	0.119	82.9	76.3	89.8	76.8	...	74.8	0.813	73	185	SW by S	90	0.01	Cloudy.
29	29.738	0.110	83.4	77.9	91.5	76.8	...	74.5	0.883	77	198	South	40	...	Cloudy : lg. W. and S. W.
30	29.782	0.147	82.3	77.4	90.7	75.2	...	73.3	0.874	75	116	South	17	0.32	Fine.
Mean	29.748	0.131	82.8	76.9	90.7	77.3	...	74.6	0.847	76	126	S S W	66	3.60	

Madras Meteorological Observations. 1862—October.

October 1862	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.787	0.127	82.6	76.1	91.8	77.6	...	75.0	0.814	73	93	SE by E	48	...	Hazy.
2	29.775	0.102	83.7	77.7	90.7	77.6	...	73.8	0.870	75	109	S S E	7	...	Fine.
3	29.794	0.143	84.2	77.6	92.2	78.3	...	75.5	0.859	74	146	S S E	30	...	Fine with passing clouds.
4	29.798	0.161	82.7	78.0	91.5	77.1	...	75.6	0.897	80	94	S E	82	...	Cloudy.
5	29.786	0.153	78.3	75.6	87.1	73.8	...	71.8	0.850	88	93	S W	100	1.23	Overcast.
6	29.755	0.128	82.5	77.6	91.5	76.2	...	75.5	0.882	79	99	South	33	...	Fine with passing clouds.
7	29.785	0.137	82.9	77.7	92.1	76.8	...	74.0	0.881	78	90	S S E	22	...	Do.
8	29.775	0.124	82.1	77.4	90.9	76.3	...	73.9	0.877	69	84	S S W	32	...	Do.
9	29.744	0.100	82.0	78.2	88.5	78.8	...	76.0	0.902	80	73	N N W	83	0.01	Cloudy.
10	29.715	0.144	80.2	76.4	86.4	77.6	...	77.0	0.860	83	69	N W	75	0.19	Cloudy : lg.
11	29.716	0.126	80.8	76.8	87.1	75.1	...	73.8	0.869	83	73	NE by N	30	...	Hazy.
12	29.780	0.102	81.9	77.3	88.7	76.4	...	74.0	0.876	81	75	E S E	18	...	Fine.
13	29.827	0.127	82.8	77.1	88.3	78.4	...	76.0	0.855	76	95	S E.	27	...	Fine : lg. N. W.
14	29.845	0.114	82.3	77.4	88.7	77.6	...	74.5	0.875	79	73	E S E	23	...	Fine.
15	29.828	0.147	83.3	77.8	89.6	77.0	...	74.0	0.880	77	77	E S E	22	...	Fine : lg.
16	29.844	0.126	82.9	77.6	90.2	77.4	...	74.0	0.878	78	78	SE by E	22	...	Do. : do.
17	29.849	0.145	82.1	77.3	88.9	77.6	...	74.6	0.873	80	66	E S E	57	...	Cloudy.
18	29.829	0.150	81.6	76.9	88.6	77.1	...	74.2	0.862	80	61	S E	85	...	Do.
19	29.799	0.125	80.7	76.6	90.7	75.1	...	72.8	0.862	83	83	E S E	88	...	Do.
20	29.769	0.145	81.3	75.9	89.6	76.1	...	73.2	0.812	77	73	N E	80	...	Cloudy : lg. E.
21	29.752	0.141	83.4	77.4	92.3	76.5	...	74.0	0.830	75	177	S S W	70	...	Cloudy : lg. N. E.
22	29.764	0.140	83.6	76.9	94.4	77.6	...	75.0	0.835	73	230	S S W	45	...	Fine with passing clouds : lg. N. W.
23	29.781	0.147	85.2	77.6	94.7	78.2	...	75.9	0.846	69	182	S S W	65	...	Hazy.
24	29.804	0.106	84.9	76.8	93.7	77.6	...	75.1	0.814	68	127	W N W	40	...	Fine with passing clouds.
25	29.825	0.095	84.0	76.8	91.5	78.4	...	75.5	0.826	71	84	W by S	73	...	Cloudy.
26	29.868	0.096	81.2	77.6	89.7	78.0	...	75.3	0.900	85	58	S S W	83	1.66	Do.
27	29.859	0.130	81.0	76.4	87.2	76.6	...	74.1	0.849	80	81	Var.	53	0.17	Do.
28	29.890	0.104	81.0	75.0	87.5	75.6	...	72.9	0.789	74	103	NE by N	10	...	Fine.
29	29.895	0.101	80.7	74.3	87.3	74.8	...	70.8	0.763	72	186	North	57	0.37	Fine with passing clouds : lg. N. W.
30	29.851	0.101	74.3	73.2	78.9	72.4	...	71.0	0.791	90	219	North	100	1.35	Overcast.
31	29.836	0.046	73.1	72.2	78.7	71.8	...	71.0	0.765	90	147	W N W	100	3.22	Overcast : rain : lg. N. E.
Mean	29.804	0.124	81.8	76.7	89.3	76.6	...	74.2	0.850	78	106	S S E	54	8.20	

Madras Meteorological Observations. 1862—November.

November 1862	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Reduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.911	0.119	77.6	75.4	84.3	70.6	...	68.6	0.854	90	80	E N E	40	0.08	Fine with passing clouds.
2	29.944	0.124	78.2	74.9	84.0	73.6	...	73.0	0.822	85	74	N E	70	1.29	Showery.
3	29.905	0.128	79.7	75.5	84.6	75.3	...	74.0	0.829	81	131	North	37	0.11	Fine with passing clouds.
4	29.899	0.106	80.1	75.6	85.3	75.2	...	73.6	0.826	80	129	N N E	18	...	Fine.
5	29.911	0.112	79.0	75.1	84.7	74.1	...	70.3	0.820	82	122	N N E	35	...	Fine with passing clouds.
6	29.902	0.102	79.2	74.8	84.5	74.6	...	71.6	0.798	80	149	N N E	37	0.01	Do.
7	29.880	0.136	79.4	73.7	84.5	73.8	...	72.0	0.756	75	182	N E	25	...	Fine.
8	29.894	0.116	78.7	71.1	83.5	74.9	...	72.3	0.661	68	160	N E	23	...	Do.
9	29.887	0.132	77.5	69.5	82.9	72.8	...	69.3	0.615	65	125	N N E	12	...	Do.
10	29.891	0.097	75.4	68.5	81.8	68.6	...	63.2	0.605	69	114	N N E	10	...	Do.
11	29.895	0.120	76.3	69.9	82.7	68.8	...	63.8	0.646	71	124	N N E	13	...	Do.
12	29.914	0.107	77.3	72.5	83.3	71.8	...	67.7	0.736	79	144	North	50	0.08	Fine with passing clouds.
13	29.912	0.095	78.3	74.3	85.2	72.6	...	69.0	0.789	80	142	N E by N	28	0.02	Do.
14	29.889	0.109	79.7	74.1	83.8	75.8	...	73.0	0.769	76	198	N E	45	...	Do.
15	29.923	0.093	78.9	71.9	82.5	76.6	...	73.5	0.689	70	209	N N E	38	...	Do.
16	29.921	0.148	77.6	71.4	83.3	71.6	...	68.2	0.688	72	137	North	20	...	Fine.
17	29.902	0.120	77.1	72.8	81.6	74.2	...	73.0	0.750	81	170	N by E	92	0.07	Cloudy.
18	29.886	0.092	77.8	73.2	82.4	73.6	...	72.6	0.757	80	179	N by E	100	0.13	Overcast.
19	29.964	0.093	75.4	73.3	78.8	73.8	...	72.9	0.793	90	110	N N E	100	1.12	Do.
20	29.992	0.146	76.4	72.6	80.9	73.6	...	72.1	0.751	83	143	N N W	90	0.09	Do.
21	29.911	0.120	75.0	72.3	81.2	72.8	...	70.1	0.761	87	164	NW by N	92	0.11	Do.
22	29.854	0.112	76.9	74.5	84.6	72.1	...	67.9	0.822	89	143	N E by N	77	0.12	Cloudy.
23	29.865	0.123	76.4	74.7	81.8	73.6	...	73.0	0.838	92	100	N N E	80	0.14	Do.
24	29.901	0.118	75.8	73.9	78.9	73.8	...	72.1	0.812	91	92	N N E	92	2.13	Overcast.
25	29.946	0.078	76.6	72.1	82.4	73.4	...	72.8	0.729	79	136	N by E	68	0.02	Cloudy.
26	29.946	0.097	76.6	71.5	81.1	70.6	...	65.5	0.708	77	126	N N E	43	...	Fine with passing clouds.
27	29.925	0.148	77.4	73.1	82.3	72.6	...	68.4	0.758	81	140	N E by N	80	...	Cloudy.
28	29.932	0.105	77.2	73.0	83.4	73.0	...	68.5	0.756	81	147	N N E	77	...	Do.
29	29.954	0.097	77.0	73.2	82.4	73.1	...	70.1	0.768	83	146	N E by N	78	...	Do.
30	29.939	0.123	77.9	73.6	83.7	73.6	...	70.0	0.772	81	130	N N E	27	...	Fine with passing clouds.
Mean	29.913	0.114	77.6	73.1	82.9	73.2	...	70.4	0.756	80	138	N N E	53	5.52	

Madras Meteorological Observations. 1862—December.

December 1862	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Vele- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.977	0.082	76.5	72.1	82.2	72.5	...	67.5	0.792	80	106	N N E	23	...	Fine with passing clouds.
2	29.991	0.107	77.8	72.4	82.7	71.8	...	66.0	0.724	75	133	N E by N	27	...	Do.
3	29.993	0.100	78.1	69.6	81.6	74.4	...	68.0	0.611	63	247	N E by N	30	...	Do.
4	29.986	0.102	77.1	71.0	81.7	72.6	...	67.0	0.678	73	228	N N E	62	...	Cloudy.
5	29.954	0.132	75.9	70.5	82.2	70.9	...	65.7	0.675	75	191	North	63	...	Do.
6	29.929	0.142	75.3	70.5	80.2	71.1	...	66.3	0.683	78	182	N by E	82	...	Do.
7	29.938	0.089	75.9	70.0	80.7	69.8	...	64.7	0.655	73	215	N by E	37	...	Fine with passing clouds.
8	29.960	0.097	75.7	68.9	81.6	71.4	...	63.4	0.617	70	195	N N E	33	...	Do.
9	29.908	0.117	74.1	68.7	81.2	67.6	...	58.4	0.632	74	145	North	30	...	Do.
10	29.892	0.120	74.9	71.1	79.9	67.7	...	60.7	0.712	82	163	North	25	...	Do.
11	29.917	0.088	75.1	72.5	80.6	69.6	...	62.4	0.766	88	197	North	68	...	Cloudy.
12	29.878	0.118	75.8	73.2	81.0	71.6	...	66.0	0.784	88	232	North	95	0.04	Overcast.
13	29.846	0.141	72.6	71.0	83.1	72.2	...	67.8	0.739	92	162	N N W	100	1.36	Do.
14	29.835	0.120	74.2	72.1	79.9	71.8	...	66.8	0.761	90	196	North	100	3.28	Do.
15	29.854	0.107	75.5	70.8	79.6	71.7	...	66.2	0.693	78	202	North	97	0.01	Do.
16	29.846	0.104	75.9	71.5	79.5	73.6	...	66.1	0.714	80	253	North	93	...	Do.
17	29.822	0.123	71.8	70.0	75.0	69.1	...	64.4	0.711	91	257	N N W	100	0.29	Do.
18	29.784	0.107	71.7	69.6	73.9	70.4	...	66.5	0.697	90	236	N N W	100	0.63	Do.
19	29.775	0.137	69.3	64.0	72.1	67.1	...	61.8	0.527	74	244	N N W	100	0.03	Do.
20	29.793	0.093	71.4	65.8	74.3	68.1	...	61.0	0.562	73	260	N N W	100	0.09	Do.
21	29.796	0.124	73.1	70.1	77.2	70.5	...	63.1	0.697	86	290	North	97	0.02	Do.
22	29.788	0.081	74.0	71.2	79.1	71.7	...	65.0	0.728	87	263	North	87	0.18	Cloudy.
23	29.813	0.083	73.9	71.8	76.5	71.6	...	67.0	0.753	90	198	North	100	0.17	Overcast.
24	29.851	0.081	73.8	72.3	77.1	72.8	...	66.0	0.774	93	221	North	100	...	Do.
25	29.880	0.099	76.1	74.3	78.3	72.5	...	68.0	0.825	92	199	N N E	100	0.39	Do.
26	29.924	0.095	73.8	72.7	78.8	72.5	...	...	0.789	95	159	North	98	0.49	Do.
27	29.965	0.098	72.4	71.1	73.6	71.5	...	71.3	0.746	94	190	North	97	0.02	Do.
28	29.998	0.099	74.4	71.8	79.5	71.8	...	71.3	0.747	88	167	North	70	...	Cloudy.
29	30.006	0.169	72.6	69.0	78.2	68.3	...	65.9	0.662	83	179	N by E	45	...	Fine with passing clouds.
30	30.053	0.129	70.4	67.0	77.4	65.4	...	61.6	0.617	83	126	North	27	...	Do.
31	30.046	0.141	69.5	65.7	77.7	62.6	...	56.9	0.605	81	79	N N E	3	...	Clear.
Mean	29.903	0.110	74.1	70.4	78.9	70.5	...	65.1	0.697	83	197	North	71	7.00	

Madras Mean Monthly and Annual Meteorological Results in 1862.

	Barometer		Dry Bulb Thermometer			Wet Bulb		Tension of Vapour		Sun Maximum	Sun Minimum on Grass	Wind		Rain		Clear Sky
	Reduced to 32°	Daily Range	Mean	Max.	Min.	Range	Mean	Min.	By Blanford's Tables			Daily Velocity	Mean Direction	Amount	Days	
	Inches	Inches	°	°	°	°	°	°	Inches	°	°	Miles	Points	Inches	No.	Cents
January	29.973	0.123	75.4	81.5	69.6	11.9	70.1	66.9	0.665	...	66.5	141	7 E by N	0.49	7	53
February	29.952	0.118	75.8	83.3	68.4	14.9	69.2	64.7	0.630	...	64.7	139	6 E N E	...	...	65
March	29.914	0.128	80.0	88.4	72.6	15.8	73.1	69.4	0.726	...	68.8	141	10 E S E	0.01	1	79
April	29.838	0.139	83.6	91.6	76.5	15.1	77.4	73.5	0.862	...	73.1	183	15 S by E	...	...	84
May	29.771	0.135	87.5	98.0	81.0	17.0	78.2	75.5	0.842	...	78.0	213	14 S S E	0.60	1	61
June	29.695	0.128	86.7	98.2	79.8	18.4	77.0	73.5	0.804	...	77.4	195	18 S S W	3.67	11	44
July	29.696	0.131	85.8	97.7	79.6	18.1	77.7	74.2	0.814	...	76.3	175	18 S S W	4.53	9	37
August	29.743	0.135	83.7	94.0	77.5	16.5	76.4	72.7	0.813	...	72.4	166	19 S W by S	4.56	16	34
September	29.748	0.131	82.8	90.7	77.3	13.4	76.9	74.1	0.847	...	74.6	126	18 S S W	3.60	13	34
October	29.804	0.124	81.8	89.3	76.6	12.7	76.7	74.4	0.850	...	74.2	106	14 S S E	8.20	8	46
November	29.913	0.114	77.6	82.9	73.2	9.7	73.1	71.0	0.756	...	70.4	138	2 N N E	5.52	15	47
December	29.903	0.110	74.1	78.9	70.5	8.4	70.4	67.7	0.697	...	65.1	197	0 North	7.00	14	29
Annual	29.829	0.126	81.2	89.5	75.2	14.3	74.7	71.5	0.778	...	71.8	160	12 S E	38.18	95	51

Madras Extreme Monthly Meteorological Records in 1862.

	Barometer			Dry Bulb Thermometer			Wet Bulb		Humidity		Sun Thermometer		Grass Thermometer		Wind		Rain	
	Highest	Lowest	Range	Highest	Lowest	Range	Lowest	Lowest	Lowest	Lowest	Highest	Lowest	Highest	Lowest	Highest	Lowest	Greatest Fall	Greatest Fall
	Inches	Day	Inches	°	Day	°	°	°	Cents	Day	°	°	°	°	Miles	Day	Inches	Day
January ...	30.106	18	29.797	27	0.309	27	64.6	27	55	22	...	...	60.3	27	260	3	0.17	10
February ...	30.108	12	29.778	27	0.330	27	63.5	27	24	27	...	...	58.3	27	244	12	...	...
March	30.069	14	29.780	27	0.289	27	66.1	23	38	22	...	...	63.3	22	202	31	0.01	29
April	30.013	13	29.619	26	0.394	26	70.6	6	50	24	...	...	66.0	6	254	19	...	...
May	29.932	5	29.603	30	0.329	30	76.0	8	38	16	...	...	71.6	23	328	22	0.60	23
June	29.812	20	29.508	29	0.304	29	73.6	7	31	12	...	...	73.0	7	289	5	1.09	20
July	29.869	31	29.576	27	0.293	27	73.7	11	46	2	...	...	71.8	12	201	11	1.90	10
August	29.863	22	29.568	12	0.295	12	71.1	4	44	2	...	...	67.8	4	210	8	2.30	4
September ..	29.978	22	29.585	15	0.393	15	72.8	26	54	4	...	...	72.0	26	198	29	0.84	22
October	29.938	29	29.640	10	0.298	10	71.8	31	52	24	...	...	70.8	29	230	22	3.22	31
November	30.077	20	29.799	22	0.278	22	68.6	10	58	10	...	...	63.2	10	209	15	2.13	24
December	30.123	31	29.709	19	0.414	19	62.6	31	59	3	...	...	56.9	31	200	21	3.28	14

Madras Meteorological Observations. January--1863.

January 1863	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	30.019	0.141	69.5	66.0	77.4	63.0	...	57.3	0.594	82	71	N E	2	...	Clear.
2	30.012	0.121	71.3	66.6	78.3	63.9	...	61.8	0.591	77	111	N E	20	...	Fine.
3	30.015	0.104	73.8	67.3	79.3	70.8	...	67.5	0.583	70	162	N E by N	22	...	Fine with passing clouds.
4	30.029	0.109	73.8	70.1	80.3	67.5	...	66.3	0.688	82	155	N N E	43	...	Hazy.
5	29.977	0.177	74.9	72.0	80.5	71.5	...	69.8	0.747	86	179	N E	47	...	Fine with passing clouds.
6	30.000	0.113	74.0	68.6	79.2	69.7	...	66.7	0.628	74	150	E N E	30	...	Do.
7	30.012	0.122	73.1	67.5	79.4	65.9	...	61.7	0.602	74	139	N E by N	13	...	Fine.
8	30.018	0.109	73.9	69.1	79.4	67.8	...	64.6	0.648	77	190	N N E	37	...	Fine with passing clouds.
9	30.023	0.099	75.5	69.5	79.7	72.4	...	70.4	0.642	73	237	N N E	37	...	Do.
10	30.050	0.097	74.2	69.7	79.7	69.6	...	67.9	0.667	79	183	N N E	28	...	Do.
11	30.074	0.122	73.7	67.9	79.5	68.4	...	64.1	0.607	73	174	N N E	22	...	Fine.
12	30.058	0.111	72.7	67.3	78.7	65.9	...	62.1	0.597	74	137	N E by N	15	...	Do.
13	30.012	0.144	70.6	66.0	77.9	64.7	...	62.5	0.579	78	113	N N E	13	...	Do.
14	30.011	0.111	71.7	66.3	77.7	63.6	...	59.2	0.575	74	100	N E	18	...	Do.
15	30.036	0.143	72.2	66.9	79.3	66.8	...	63.6	0.590	75	95	N E	17	...	Do.
16	30.032	0.108	72.7	67.4	78.9	65.3	...	61.2	0.601	75	118	N E	8	...	Do.
17	30.035	0.129	73.8	68.6	79.8	67.6	...	64.2	0.630	75	118	N E	13	...	Do.
18	30.056	0.102	72.5	67.6	80.0	65.9	...	61.5	0.611	76	86	N E by E	10	...	Do.
19	30.064	0.133	72.7	68.4	79.8	66.7	...	63.0	0.638	79	91	N E by E	8	...	Do.
20	30.026	0.121	71.9	67.7	79.2	66.0	...	—	0.623	80	88	E by N	10	...	Do.
21	30.023	0.111	72.7	68.1	80.2	65.2	...	61.0	0.627	78	78	East	12	...	Do.
22	30.064	0.089	74.2	68.7	79.7	66.8	...	62.5	0.629	74	113	E N E	7	...	Do.
23	30.011	0.121	74.8	69.5	79.8	68.8	...	65.2	0.652	76	169	N E by E	20	...	Hazy.
24	29.942	0.089	74.3	69.3	79.5	67.6	...	63.9	0.651	76	162	N E	5	...	Clear.
25	29.988	0.105	75.5	70.0	80.2	68.8	...	64.1	0.661	75	167	N E	40	...	Fine with passing clouds.
26	29.998	0.112	75.9	72.2	80.5	72.1	...	70.9	0.741	85	222	N N E	92	...	Overcast.
27	29.999	0.108	73.3	71.8	75.6	72.5	...	72.6	0.761	93	197	N N E	100	1.46	Do.
28	29.973	0.114	74.0	71.2	78.4	70.6	...	70.4	0.733	87	208	N E	100	0.49	Do.
29	29.972	0.096	75.6	71.5	79.4	72.5	...	71.3	0.718	82	164	N E by N	93	...	Do.
30	29.970	0.126	75.3	70.9	79.7	69.7	...	67.0	0.700	80	173	N E by N	45	...	Fine with passing clouds.
31	29.990	0.111	75.8	71.9	80.8	70.8	...	68.6	0.730	82	140	N E	60	...	Cloudy.
Mean	30.016	0.116	73.5	68.9	79.3	68.0	...	65.1	0.647	78	145	N E	32	1.95	

Madras Meteorological Observations. 1863—February.

February 1863	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.996	0.132	76.5	73.1	81.3	73.4	...	70.7	0.770	85	182	N E	78	...	Cloudy.
2	29.995	0.125	76.1	71.7	80.5	72.6	...	70.6	0.719	80	148	N E	37	...	Fine with passing clouds.
3	29.948	0.145	74.1	70.3	79.4	69.0	...	65.9	0.692	82	109	N E	22	...	Fine.
4	29.920	0.130	73.6	70.2	80.4	67.7	...	62.4	0.694	84	65	E N E	10	...	Do.
5	29.914	0.125	73.8	70.5	81.0	66.7	...	62.1	0.704	85	64	E N E	15	...	Do.
6	29.940	0.113	73.1	69.4	81.6	66.8	...	62.6	0.670	82	84	E N E	2	...	Clear.
7	29.965	0.133	74.3	70.7	80.3	67.4	...	63.7	0.705	84	98	N E by E	40	...	Fine with passing clouds.
8	29.924	0.158	74.4	71.1	82.2	68.6	...	65.5	0.719	85	96	N E	43	...	Do.
9	29.892	0.145	75.5	71.9	82.3	68.5	...	63.5	0.735	84	92	N E	33	...	Do.
10	29.881	0.142	75.9	72.1	82.3	69.5	...	64.7	0.738	83	67	E by S	45	...	Do.
11	29.907	0.120	76.5	72.5	81.7	69.4	...	63.1	0.746	82	110	S E	18	...	Hazy.
12	29.933	0.116	78.3	74.7	83.4	72.4	...	67.8	0.813	84	99	E by S	48	...	Fine with passing clouds.
13	29.923	0.143	78.3	74.1	82.8	74.4	...	69.7	0.787	81	139	East	32	...	Do.
14	29.897	0.143	76.8	73.4	83.4	72.3	...	65.8	0.778	84	122	S E	8	...	Fine.
15	29.902	0.142	77.6	73.5	83.2	71.4	...	67.1	0.772	82	133	S E by S	5	...	Do.
16	29.873	0.126	77.1	73.0	85.0	71.8	...	68.0	0.758	82	120	S E by S	40	...	Hazy.
17	29.878	0.135	76.9	72.3	83.7	70.4	...	66.2	0.733	79	100	S S E	20	...	Fine.
18	29.920	0.097	77.3	72.0	83.2	70.3	...	65.4	0.716	76	89	E S E	22	...	Hazy.
19	29.955	0.119	76.9	71.2	81.7	69.9	...	64.5	0.688	74	161	N E	48	...	Fine with passing clouds.
20	29.986	0.085	79.7	73.6	83.4	76.5	...	71.3	0.748	74	219	N E by N	90	...	Overcast.
21	29.964	0.112	79.5	74.7	84.0	76.3	...	73.5	0.796	79	191	N E	88	...	Cloudy.
22	29.977	0.107	78.2	72.6	82.2	74.5	...	69.8	0.727	76	170	N E by E	50	...	Fine with passing clouds.
23	29.999	0.104	77.6	72.2	82.5	72.5	...	68.0	0.718	75	148	N E	53	...	Hazy.
24	30.023	0.140	74.5	68.4	80.5	66.7	...	59.3	0.615	72	131	N E by E	10	...	Fine.
25	29.995	0.118	73.3	66.0	80.2	65.3	...	57.9	0.576	70	124	N E	5	...	Do.
26	29.993	0.128	72.5	67.1	80.4	65.0	...	57.9	0.592	74	80	E N E	12	...	Light haze.
27	22.960	0.129	73.2	68.7	80.7	65.3	...	58.2	0.643	79	83	E N E	3	...	Clear.
28	29.942	0.119	74.1	69.7	81.2	65.1	...	57.3	0.669	79	92	E N E	10	...	Light haze.
							
							
							
Mean	29.943	0.125	75.9	71.5	81.9	70.0	...	65.1	0.715	80	118	E by N	32	...	

Madras Meteorological Observations. 1863—March.

March 1863	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.917	0.142	75.2	70.8	84.9	68.2	...	61.5	0.695	79	82	S E	23	...	Fine.
2	79.861	0.164	76.1	71.2	84.8	68.3	...	61.9	0.699	77	103	S E	0	...	Clear.
3	29.811	0.146	77.8	72.9	86.1	68.4	...	61.4	0.744	78	127	S S E	13	...	Fine.
4	29.833	0.135	79.4	74.1	86.0	71.7	...	66.4	0.773	77	138	S S E	15	...	Do.
5	29.895	0.114	78.7	72.1	84.9	71.3	...	65.1	0.701	72	111	S E	8	...	Do.
6	29.903	0.116	77.3	70.5	84.4	69.3	...	63.9	0.656	70	88	E by S	8	...	Do.
7	29.874	0.143	77.8	70.2	85.5	68.7	...	62.5	0.638	67	91	E by S	0	...	Clear.
8	29.923	0.122	77.1	70.1	83.2	69.4	...	63.7	0.644	69	98	East	17	...	Fine.
9	29.951	0.124	78.5	72.2	84.8	71.1	...	67.6	0.707	73	107	East	13	...	Do.
10	29.917	0.134	79.9	74.4	86.2	72.3	...	68.3	0.778	76	102	East	28	...	Fine with passing clouds.
11	29.867	0.136	80.2	75.5	86.3	74.2	...	70.7	0.820	79	101	E S E	37	...	Cloudy.
12	29.835	0.143	81.9	76.2	88.5	75.5	...	72.0	0.828	76	110	S S E	30	...	Cloudy : lg. S. W.
13	29.811	0.133	82.4	76.4	87.8	75.9	...	72.3	0.830	75	130	S E by S	8	...	Fine.
14	29.835	0.115	82.1	76.7	88.8	75.6	...	72.3	0.848	77	137	S S E	13	...	Fine : lg. W.
15	29.901	0.115	82.2	76.5	88.1	76.1	...	71.9	0.837	76	91	S E	32	...	Fine with passing clouds.
16	29.949	0.113	79.1	75.6	84.8	75.3	...	73.3	0.840	85	52	E S E	57	0.65	Cloudy.
17	29.869	0.140	81.3	75.6	86.3	75.5	...	71.5	0.810	76	75	S E	20	...	Fine with passing clouds.
18	29.879	0.109	81.2	75.2	87.1	75.3	...	71.9	0.795	74	83	S E	10	...	Fine.
19	29.940	0.113	81.1	75.2	86.1	75.3	...	71.2	0.796	74	71	S E	50	...	Fine : th. and lg. S.
20	29.941	0.105	81.1	75.8	87.3	74.7	...	71.6	0.821	77	79	S S E	37	0.02	Fine with passing clouds.
21	29.943	0.156	81.0	76.0	85.5	76.7	...	72.8	0.831	78	65	S E	78	...	Cloudy.
22	29.936	0.111	80.5	74.3	86.2	76.5	...	74.1	0.766	73	127	N E by E	87	...	Do.
23	29.929	0.126	81.4	75.5	87.3	75.3	...	72.0	0.805	75	54	East	28	...	Fine with passing clouds.
24	29.945	0.139	80.9	75.4	87.5	74.6	...	70.3	0.807	76	59	S E	8	...	Fine.
25	29.926	0.108	81.2	75.2	88.2	73.6	...	68.8	0.794	74	68	S E by S	8	...	Do.
26	29.914	0.113	80.3	74.0	87.9	72.7	...	68.2	0.756	73	66	S S E	3	...	Do.
27	29.875	0.120	79.9	74.6	87.6	72.8	...	66.7	0.787	77	58	S E	3	...	Do.
28	29.867	0.110	80.8	74.4	88.4	72.5	...	67.0	0.766	72	88	S S E	8	...	Do.
29	29.876	0.124	81.8	76.4	89.1	73.9	...	68.6	0.838	77	116	S S E	5	...	Do.
30	29.868	0.128	81.9	75.6	88.4	74.5	...	70.6	0.800	74	116	S by E	8	...	Do.
31	29.866	0.156	81.2	75.7	88.5	74.2	...	68.1	0.816	77	115	South	20	...	Light haze.
Mean	29.892	0.127	80.0	74.3	86.7	73.2	...	68.7	0.775	75	94	S E.	22	0.67	

Madras Meteorological Observations, 1863—April.

April 1863	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.860	0.149	82.0	75.5	89.2	74.1	...	69.8	0.796	73	121	South	12	...	Light haze.
2	29.813	0.151	83.3	76.8	92.4	75.7	...	71.8	0.835	73	165	South	8	...	Fine.
3	29.747	0.141	83.5	77.2	91.7	75.7	...	71.7	0.850	74	189	South	13	...	Hazy.
4	29.709	0.162	84.5	78.1	91.3	77.9	...	71.9	0.876	74	205	S S W	28	...	Do.
5	29.754	0.102	84.6	78.2	91.9	78.7	...	74.5	0.879	74	205	South	25	...	Do.
6	29.752	0.133	85.8	78.6	93.4	78.9	...	75.1	0.875	71	217	S by W	30	...	Hazy: lg. N. W.
7	29.735	0.163	85.9	79.3	96.9	79.1	...	76.0	0.913	74	208	S S W	18	...	Do.
8	29.757	0.131	86.1	79.7	94.6	79.6	...	76.6	0.928	72	221	South	5	...	Fine.
9	29.835	0.099	85.2	79.2	92.1	79.7	...	77.5	0.918	76	189	South	12	...	Do.
10	29.861	0.148	84.5	78.0	91.7	78.1	...	73.9	0.872	74	131	S S E	8	...	Do.
11	29.828	0.155	83.6	77.6	90.9	75.7	...	71.6	0.867	75	124	S S E	3	...	Do.
12	29.793	0.174	84.1	77.4	91.0	76.3	...	72.1	0.850	73	145	S E by S	10	...	Do.
13	29.768	0.141	85.2	78.0	92.4	77.5	...	74.2	0.863	71	160	S E	10	...	Do.
14	29.790	0.120	85.5	78.8	92.6	78.3	...	74.4	0.896	73	148	S E by S	10	...	Do.
15	29.816	0.148	85.3	78.7	92.3	78.7	...	75.1	0.893	74	63	E S E	17	...	Light clouds.
16	29.812	0.090	84.8	78.2	91.5	80.5	...	77.2	0.877	74	100	E S E	35	...	Fine with passing clouds: lg. S. W.
17	29.806	0.124	85.2	77.7	91.3	79.1	...	76.8	0.850	70	83	S E	17	...	Fine with passing clouds.
18	29.790	0.109	85.3	78.6	92.5	77.7	...	74.3	0.889	73	53	E S E	38	...	Do. do.
19	29.775	0.122	85.6	78.9	91.3	80.3	...	76.7	0.899	73	79	E by S	48	...	Cloudy: th. and lg. N.
20	29.791	0.158	83.4	77.7	90.1	78.7	...	77.1	0.874	76	71	E by S	80	0.20	Cloudy.
21	29.813	0.151	77.6	75.6	82.5	75.5	...	73.9	0.860	91	68	E S E	100	1.71	Overcast: th. and lg.
22	29.832	0.102	78.1	76.1	83.1	74.7	...	73.0	0.875	91	82	S S E	100	0.60	Overcast.
23	29.841	0.117	80.5	77.2	86.9	75.3	...	73.9	0.891	86	90	S S E	60	0.41	Cloudy.
24	29.823	0.145	78.6	76.1	87.0	74.9	...	73.6	0.868	89	119	S S E	75	2.10	Th.: lg. and rain.
25	29.778	0.158	79.9	76.2	90.6	73.7	...	72.1	0.855	84	98	S S W	57	0.03	Cloudy: th.
26	29.780	0.134	83.9	77.4	91.1	76.3	...	75.0	0.853	73	104	S S E	22	...	Fine with passing clouds: lg.
27	29.765	0.120	85.4	80.3	94.0	79.0	...	76.5	0.967	79	108	S by E	13	...	Fine: lg. W.
28	29.778	0.128	85.2	79.5	96.8	79.6	...	77.5	0.928	77	123	South	27	...	Fine with p. cl.: th. and lg. N. W.
29	29.753	0.146	86.3	79.7	96.8	77.9	...	76.6	0.926	74	141	S by W	20	...	Fine: lg. S. W.
30	29.745	0.140	87.8	80.0	98.9	80.9	...	78.7	0.920	70	164	S by W	27	...	Fine with passing clouds.
Mean	29.790	0.135	83.9	78.0	91.6	77.6	...	74.6	0.881	76	132	S S E	31	5.05	

Madras Meteorological Observations. 1863—May.

May 1863	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.747	0.133	88.4	80.3	98.5	81.6	...	78.2	0.926	69	151	S by W	10	...	Fine.
2	29.758	0.146	87.2	81.3	98.1	81.3	...	78.2	0.992	76	173	South	0	...	Clear.
3	29.741	0.136	86.9	80.4	96.7	80.7	...	76.9	0.951	74	160	South	0	...	Do.
4	29.750	0.155	86.5	78.7	95.4	79.5	...	75.1	0.877	69	231	South	0	...	Do.
5	29.734	0.141	86.7	79.1	93.7	79.5	...	76.7	0.893	70	219	S by E	3	...	Do.
6	29.731	0.108	86.3	79.6	94.5	79.7	...	76.1	0.922	73	245	S by E	0	...	Do.
7	29.758	0.127	86.5	80.0	94.5	80.3	...	77.8	0.937	74	228	S by E	3	...	Clear : lg. S. W.
8	29.696	0.161	87.9	80.4	96.2	81.3	...	78.9	0.938	71	211	South	13	...	Fine : lg. S. W.
9	29.700	0.100	87.9	78.5	98.2	80.5	...	75.7	0.850	65	183	South	17	...	Fine with passing clouds : lg. S. W.
10	29.704	0.119	87.9	80.2	94.7	81.9	...	78.5	0.928	70	194	S by E	18	...	Do. do.
11	29.696	0.139	86.9	80.4	92.7	81.4	...	78.7	0.951	74	174	S S E	37	...	Do. do.
12	29.692	0.107	87.1	81.9	92.3	82.2	...	79.3	0.021	79	124	S E	38	...	Do. do.
13	29.696	0.096	86.1	79.6	94.4	80.7	...	77.7	0.924	74	79	E S E	82	...	Cloudy.
14	29.707	0.105	85.8	79.5	92.2	79.7	...	76.3	0.922	75	74	E by S	97	...	Overcast : lg. S. W.
15	29.712	0.103	85.4	80.3	92.9	81.6	...	78.6	0.967	79	81	E N E	65	...	Cloudy.
16	29.713	0.131	85.9	80.4	92.2	81.3	...	79.0	0.965	78	76	S E by E	42	0.12	Fine with passing clouds : lg. S. W.
17	29.680	0.133	86.9	79.6	93.4	80.3	...	76.7	0.914	71	141	S E	25	...	Fine.
18	29.653	0.134	87.4	80.9	94.4	81.0	...	77.9	0.968	74	178	S S E	42	...	Hazy.
19	29.683	0.096	87.1	78.4	95.5	81.5	...	78.7	0.855	66	169	South	43	...	Fine with passing clouds : lg. S.
20	29.692	0.109	87.2	78.0	98.4	80.9	...	77.6	0.836	65	192	S S W	40	...	Fine with passing clouds.
21	29.709	0.120	88.3	78.2	99.5	81.7	...	78.6	0.830	62	207	S S W	27	...	Fine.
22	29.739	0.121	86.3	77.5	95.2	80.0	...	76.7	0.826	64	191	South	68	...	Fine with passing clouds.
23	29.737	0.146	87.4	76.9	99.3	80.5	...	77.5	0.784	60	173	S S W	52	...	Hazy.
24	29.753	0.109	87.8	77.0	97.1	81.2	...	77.7	0.785	59	155	S S W	33	...	Fine with passing clouds.
25	29.776	0.112	87.7	78.3	96.0	79.9	...	75.6	0.843	64	153	South	20	...	Fine.
26	29.774	0.093	86.5	76.4	98.7	80.4	...	75.5	0.775	61	144	S S W	42	...	Fine with passing clouds.
27	29.735	0.139	88.1	77.2	101.4	79.7	...	76.1	0.787	59	168	S W by S	35	...	Do.
28	29.706	0.138	89.1	78.0	100.6	80.6	...	77.8	0.810	59	173	S by W	23	...	Hazy.
29	29.691	0.135	89.2	79.0	100.9	81.6	...	79.4	0.854	62	189	South	40	...	Fine with passing clouds.
30	29.663	0.141	90.6	77.0	99.8	82.4	...	80.4	0.745	52	185	South	47	...	Hazy.
31	29.631	0.131	89.7	77.2	101.4	84.7	...	81.3	0.766	55	213	S S W	70	...	Cloudy : th. and lg. N. and N. W.
Mean	29.715	0.125	87.4	79.0	96.4	81.0	...	77.7	0.882	68	169	S by E	33	0.12	

Madras Meteorological Observations. 1863—June.

June 1863	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.630	0.135	89.0	78.6	102.0	81.4	...	77.9	0.838	61	171	S W	30	...	Fine with passing clouds.
2	29.653	0.114	88.1	78.0	95.5	81.2	...	76.4	0.824	62	190	S by W	17	...	Fine.
3	29.629	0.116	87.7	78.6	98.0	80.3	...	76.7	0.857	66	206	South	18	...	Fine: lg. W.
4	29.662	0.110	90.5	77.6	101.3	82.4	...	77.5	0.773	54	176	S W by S	27	...	Fine with passing clouds: th. N. W.
5	29.694	0.114	89.9	77.0	103.0	82.2	...	77.7	0.782	53	221	S S W	60	...	Cloudy.
6	29.713	0.052	88.4	77.2	98.2	84.4	...	80.4	0.784	58	181	S S W	87	...	Do.
7	29.724	0.106	87.7	76.1	96.4	81.8	...	78.6	0.746	57	199	S W by S	95	...	Overcast: lg. N. W.
8	29.743	0.114	84.5	76.4	95.3	78.8	...	74.2	0.802	68	137	S S W	92	0.12	Cloudy: lg.
9	29.760	0.112	85.7	77.8	96.4	79.4	...	76.0	0.847	68	139	S S W	60	...	Cloudy: lg. S. W.
10	29.756	0.128	87.4	78.1	98.2	80.2	...	75.9	0.837	64	156	S by W	13	...	Fine: lg. S. W.
11	29.727	0.144	87.8	78.0	100.9	79.5	...	75.9	0.828	63	154	S S W	50	...	Hazy: lg. S. W.
12	29.717	0.142	84.7	78.5	94.3	77.9	...	74.9	0.893	75	146	W S W	97	0.15	Overcast.
13	29.734	0.102	86.3	76.3	97.4	80.6	...	77.9	0.773	61	136	S S W	87	0.12	Cloudy: lg.
14	29.708	0.159	86.7	76.5	97.2	79.4	...	74.9	0.778	61	160	W S W	73	0.07	Cloudy.
15	29.676	0.142	84.4	75.8	92.4	78.6	...	76.3	0.777	66	152	S W	100	...	Overcast.
16	29.728	0.121	80.3	74.1	85.9	77.4	...	74.0	0.760	73	114	W S W	100	0.12	Do.
17	29.694	0.105	84.7	75.0	95.0	76.6	...	73.7	0.732	62	162	S W	97	...	Do.
18	29.679	0.120	87.7	74.4	96.1	79.4	...	76.4	0.673	51	189	S W	87	...	Cloudy.
19	29.677	0.144	89.2	73.9	96.1	82.2	...	78.9	0.628	46	230	W S W	90	...	Do.
20	29.666	0.140	88.5	74.5	94.1	83.2	...	77.9	0.666	50	237	S W by W	93	...	Do.
21	29.651	0.120	89.2	74.1	97.2	81.2	...	76.9	0.641	47	209	S W by S	82	...	Thick haze.
22	29.678	0.104	88.9	75.6	99.4	82.2	...	75.2	0.707	52	215	S W	80	...	Hazy: lg. N.
23	29.713	0.135	88.0	76.0	100.2	81.9	...	77.6	0.737	56	184	S W	63	...	Hazy.
24	29.734	0.153	85.2	76.5	98.2	78.8	...	79.6	0.796	64	215	S W	73	0.30	Do.
25	29.698	0.146	86.7	75.9	100.0	76.6	...	75.0	0.750	59	181	S S W	70	0.18	Cloudy: th. and lg.
26	29.679	0.128	87.3	74.0	94.8	79.4	...	76.8	0.662	51	212	W S W	75	...	Cloudy.
27	29.647	0.144	87.8	74.5	97.3	81.5	...	78.8	0.676	51	206	S W by W	87	...	Do.
28	29.657	0.130	86.6	77.0	98.2	81.2	...	76.9	0.806	63	193	S S W	77	...	Do.
29	29.681	0.132	86.5	76.9	99.5	80.4	...	76.7	0.806	63	196	S S W	60	0.01	Fine with passing clouds.
30	29.693	0.135	87.6	77.1	100.1	81.7	...	78.5	0.790	60	206	S W by S	52	...	Do.
Mean	29.693	0.125	87.1	76.3	97.3	80.4	...	76.8	0.766	60	182	S W by S	70	1.07	

Madras Meteorological Observations. 1863—July.

July 1863	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
	Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles				Points.	Cents.	Inches
1	29.698	0.095	86.4	76.2	100.1	81.8	...	78.7	0.767	61	217	SW by W	58	0.10	Hazy.
2	29.671	0.138	87.6	75.9	100.1	79.4	...	75.6	0.738	57	193	S W	70	0.07	Cloudy.
3	29.667	0.144	89.9	75.3	99.1	80.9	...	76.6	0.682	48	180	SW by W	62	...	Fine with passing clouds.
4	29.697	0.103	85.7	76.5	99.3	82.4	...	78.6	0.790	64	201	S W	70	0.34	Cloudy.
5	29.721	0.113	85.6	75.5	98.8	80.4	...	77.6	0.749	60	177	S S W	73	0.03	Cloudy : lg. N. E.
6	29.688	0.128	84.7	75.7	97.9	79.6	...	75.6	0.768	64	142	S S W	85	0.14	Do.
7	29.661	0.091	81.6	75.7	90.5	76.9	...	75.3	0.811	75	136	S W	100	0.34	Overcast : th. and lg.
8	29.638	0.091	81.0	76.3	91.9	75.7	...	73.6	0.844	79	101	SW by W	93	0.04	Do.
9	29.673	0.086	80.4	76.2	93.1	76.5	...	75.6	0.848	81	137	S S W	83	2.25	Cloudy : rain.
10	29.721	0.109	82.0	70.5	91.1	75.6	...	74.8	0.840	77	150	South	85	0.11	Cloudy : heavy thunderstorm.
11	29.733	0.143	83.1	77.7	91.3	76.6	...	73.7	0.878	77	131	S S W	50	0.36	Cloudy : lg.
12	29.759	0.112	82.1	76.1	91.9	75.3	...	74.2	0.821	75	120	SW by W	45	0.13	Fine with passing clouds.
13	29.770	0.122	84.4	77.1	92.2	78.5	...	74.6	0.833	71	125	South	40	...	Do.
14	29.792	0.133	82.9	78.1	92.4	78.4	...	73.6	0.898	80	105	South	67	...	Cloudy : lg. W.
15	29.786	0.090	78.3	74.7	82.3	73.2	...	70.5	0.813	84	132	W S W	100	2.39	Overcast with rain.
16	29.774	0.118	83.6	76.4	91.0	77.1	...	74.6	0.814	70	136	S S W	57	...	Hazy.
17	29.762	0.111	83.7	75.1	93.1	77.1	...	74.0	0.757	65	144	SW by W	70	...	Do.
18	29.714	0.140	84.7	74.7	94.5	77.1	...	70.7	0.726	61	162	W S W	50	...	Do.
19	29.657	0.107	84.9	75.8	95.3	77.2	...	73.7	0.770	64	155	S W	50	...	Fine with passing clouds.
20	29.671	0.095	84.6	75.8	92.9	77.5	...	70.1	0.774	63	159	S S W	22	...	Fine.
21	29.657	0.123	86.8	76.6	95.0	81.4	...	77.1	0.779	61	163	S W	47	...	Fine with passing clouds.
22	29.663	0.102	83.1	76.5	89.7	77.6	...	74.8	0.825	73	138	West	92	0.13	Cloudy.
23	29.666	0.095	78.5	75.3	83.1	75.6	...	73.9	0.835	85	156	SW by S	93	0.54	Do.
24	29.655	0.101	82.3	75.5	89.1	76.4	...	73.8	0.794	72	141	SW by W	100	0.02	Overcast.
25	29.634	0.114	84.3	74.6	90.9	78.2	...	75.2	0.727	62	186	W by S	93	...	Cloudy.
26	29.658	0.113	84.0	75.1	90.8	79.4	...	75.8	0.752	64	130	W S W	100	...	Overcast.
27	29.668	0.118	84.3	74.6	91.8	78.6	...	73.6	0.727	62	162	W by S	88	0.06	Cloudy : lg. E.
28	29.689	0.121	85.0	75.4	94.3	78.2	...	73.3	0.752	62	173	S W	70	...	Do.
29	29.732	0.131	85.6	75.6	94.3	78.4	...	73.7	0.752	61	134	S S W	70	...	Do.
30	29.721	0.131	85.6	77.3	96.0	78.9	...	74.0	0.826	67	141	S by W	73	0.02	Cloudy : th. and lg.
31	29.738	0.127	86.7	76.0	96.0	78.6	...	74.9	0.754	61	167	S W by S	58	...	Fine with passing clouds.
Mean	29.701	0.114	84.0	75.9	93.2	78.0	...	74.6	0.789	68	151	S W.	71	7.07	

Madras Meteorological Observations. 1863—August.

August 1863	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.							
									Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points.	Cents	Inches	
1	29.774	0.108	85.8	76.9	94.5	78.6	...	72.8	0.805	65	168	S S W	52	0.01	Fine with passing clouds.
2	29.788	0.143	84.1	75.5	96.4	77.4	...	73.6	0.768	66	151	SW by S	62	...	Fine: th. and lg.
3	29.748	0.123	84.4	76.3	95.2	76.6	...	72.8	0.799	68	174	S W	70	...	Cloudy.
4	29.743	0.081	82.2	74.8	92.0	77.5	...	71.9	0.763	69	122	S S W	87	0.08	Cloudy : lg.
5	29.762	0.066	79.1	74.5	92.5	76.0	...	73.0	0.793	79	130	S S W	87	0.74	Cloudy : rain.
6	29.737	0.127	82.0	76.2	91.2	75.6	...	72.8	0.827	76	135	S W	87	0.05	Cloudy : lg. E.
7	29.727	0.127	83.1	77.5	92.5	76.9	...	73.4	0.870	77	150	SW by W	70	0.48	Do.
8	29.750	0.118	82.2	75.9	89.2	76.4	...	73.1	0.809	74	149	W S W	95	...	Overcast: lg.
9	29.749	0.148	81.8	74.4	92.0	77.3	...	73.7	0.752	69	165	SW by W	100	0.23	Do. do.
10	29.727	0.132	82.2	75.3	91.5	76.5	...	72.9	0.785	71	136	W S W	88	0.08	Cloudy.
11	29.687	0.138	80.5	74.3	84.5	76.3	...	71.7	0.766	73	115	W by S	100	0.04	Overcast.
12	29.641	0.155	84.6	74.2	93.6	76.4	...	72.0	0.706	59	181	W S W	63	...	Cloudy.
13	29.678	0.140	84.6	74.4	93.3	77.4	...	73.3	0.715	60	191	SW by W	70	0.01	Do.
14	29.692	0.148	85.8	74.7	94.1	77.2	...	72.7	0.712	58	168	W S W	78	...	Do.
15	29.692	0.154	85.2	74.0	95.9	78.8	...	72.7	0.690	57	167	S W	72	0.03	Do.
16	29.690	0.153	85.3	75.2	96.1	79.0	...	74.7	0.740	61	168	S W	73	0.09	Fine with passing clouds.
17	29.709	0.130	83.4	76.0	93.1	77.8	...	74.6	0.799	69	170	S S W	73	0.41	Cloudy : th. and lg.
18	29.740	0.127	83.5	76.0	94.9	76.0	...	72.5	0.798	69	164	S S W	65	0.29	Hazy.
19	29.769	0.150	83.4	77.0	90.9	76.3	...	72.7	0.842	73	135	South	43	...	Fine with passing clouds.
20	29.795	0.138	83.3	77.0	92.4	76.6	...	73.4	0.844	74	141	S W	57	0.26	Do.
21	29.787	0.144	83.4	77.1	91.8	79.2	...	73.9	0.847	74	136	S by W	65	0.01	Do.
22	29.772	0.131	84.4	77.6	93.3	78.2	...	74.5	0.850	73	146	SW by S	33	0.09	Hazy.
23	29.789	0.151	84.3	76.9	92.3	77.4	...	73.4	0.858	70	136	South	40	...	Do.
24	29.803	0.112	84.7	76.8	91.2	77.6	...	72.5	0.816	68	125	S S E	23	...	Fine with passing clouds.
25	29.804	0.125	84.8	77.9	92.3	79.4	...	74.7	0.863	72	118	S S E	50	...	Do.
26	29.787	0.121	83.9	76.1	93.1	78.4	...	73.7	0.797	68	113	S S W	57	0.16	Do.
27	29.784	0.141	82.1	77.2	91.2	75.6	...	73.8	0.869	79	132	S S W	45	0.08	Do.
28	29.756	0.162	84.4	77.7	92.1	78.6	...	75.4	0.859	73	138	S S E	37	...	Do.
29	29.729	0.129	84.9	78.1	92.1	78.7	...	75.4	0.871	73	134	S S E	22	...	Fine.
30	29.725	0.138	82.8	75.9	94.1	76.6	...	72.7	0.802	71	129	North	63	...	Fine with passing clouds.
31	29.719	0.122	84.1	76.7	92.8	77.9	...	75.9	0.829	70	124	S S E	47	...	Do.
Mean	29.744	0.132	83.6	76.1	92.7	77.4	...	73.4	0.801	70	146	S S W	64	3.14	

Madras Meteorological Observations. 1863—September.

September 1863	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.693	0.132	83.5	76.8	91.5	78.2	...	73.8	0.829	73	117	S W	68	...	Hazy.
2	29.686	0.125	84.5	76.6	89.4	78.2	...	76.1	0.819	68	146	S W	88	0.05	Cloudy: lg. W.
3	29.728	0.088	77.7	73.9	83.2	74.3	...	72.4	0.784	83	170	W S W	100	0.75	Overcast with rain.
4	29.710	0.132	80.5	75.9	86.2	76.2	...	74.4	0.825	80	73	SW by W	95	0.01	Do.
5	29.690	0.111	79.4	75.4	83.4	76.0	...	73.3	0.828	82	78	W S W	100	0.27	Do.
6	29.709	0.104	78.9	75.3	83.4	76.1	...	74.6	0.830	84	111	S W	100	0.19	Do.
7	29.712	0.102	79.5	74.1	86.6	75.2	...	72.4	0.771	76	114	SW by W	100	...	Do.
8	29.744	0.119	82.2	75.4	90.5	75.9	...	72.4	0.790	72	128	SW by W	90	0.02	Cloudy.
9	29.728	0.156	83.7	75.7	91.3	75.6	...	71.6	0.782	68	119	S W	80	...	Do.
10	29.717	0.153	84.5	75.2	91.9	77.8	...	72.4	0.743	63	135	W S W	93	0.02	Overcast.
11	29.736	0.155	83.8	76.0	91.4	76.6	...	73.7	0.794	68	133	SW by W	92	0.10	Overcast: lg.
12	29.809	0.131	83.4	75.9	91.7	77.4	...	73.7	0.795	69	160	S S W	80	0.02	Cloudy.
13	29.837	0.150	82.3	76.4	91.7	77.4	...	73.8	0.831	75	155	S S W	63	...	Fine with passing clouds: lg.
14	29.831	0.137	80.7	76.5	88.4	74.3	...	71.8	0.857	81	168	S S W	67	0.34	Morning overcast: evening fine.
15	29.786	0.150	83.7	75.5	92.6	76.2	...	73.6	0.774	67	157	S W	35	0.06	Fine with passing clouds: lg.
16	29.757	0.151	84.5	76.3	93.3	75.6	...	72.7	0.797	67	151	S W by W	40	...	Fine with passing clouds.
17	29.755	0.128	80.5	75.3	85.8	72.9	...	71.4	0.808	77	111	W by S	93	0.88	Overcast with rain.
18	29.771	0.077	80.2	75.0	87.1	76.4	...	72.5	0.799	77	131	SW by W	90	0.09	Do.
19	29.754	0.123	84.6	75.8	91.6	76.8	...	72.8	0.780	67	145	W by S	57	...	Cloudy.
20	29.708	0.146	85.6	74.7	93.5	78.4	...	72.9	0.714	58	175	SW by W	43	...	Hazy.
21	29.706	0.128	83.6	73.5	90.2	77.7	...	73.6	0.691	60	171	W S W	88	0.03	Cloudy.
22	29.711	0.123	82.4	72.4	87.2	76.5	...	72.8	0.662	60	196	West	100	...	Overcast.
23	29.718	0.101	85.1	74.1	92.4	79.3	...	74.4	0.696	58	147	West	75	...	Hazy.
24	29.746	0.125	87.0	74.4	95.6	78.4	...	71.7	0.683	53	150	W by N	65	...	Fine with passing clouds.
25	29.730	0.153	88.0	74.0	97.4	80.7	...	75.5	0.652	49	144	W by S	53	...	Do.
26	29.747	0.116	86.0	76.0	96.4	78.5	...	73.7	0.764	61	165	S S W	43	...	Do.
27	29.765	0.140	85.9	76.8	94.8	77.7	...	74.3	0.800	65	150	South	23	...	Fine.
28	29.750	0.128	85.8	76.7	95.3	78.9	...	74.9	0.797	65	121	S by W	42	...	Fine with passing clouds.
29	29.762	0.116	85.7	75.9	95.4	79.3	...	75.3	0.764	62	145	South	53	...	Fine: tb. and lg.
30	29.749	0.113	85.2	77.8	93.4	77.7	...	73.8	0.855	70	139	South	87	0.21	Cloudy.
Mean	29.742	0.127	83.3	75.4	90.8	77.0	...	73.4	0.777	69	140	S W	73	3.04	

Madras Meteorological Observations. 1863—October.

October 1863.	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.723	0.135	85.5	77.6	96.6	77.5	...	73.9	0.841	68	155	S by W	67	...	Fine with passing clouds.
2	29.725	0.141	85.8	77.0	95.8	79.0	...	74.6	0.810	69	160	Var	90	...	Cloudy: lg. S. W.
3	29.751	0.150	83.2	75.0	93.1	75.8	...	71.9	0.759	66	157	S W	90	0.99	Cloudy: lg. S. W.: rain.
4	29.759	0.121	84.3	75.6	94.0	77.8	...	73.5	0.769	65	154	S S W	60	...	Fine with passing clouds: lg. N. E.
5	29.733	0.148	84.9	74.9	93.7	77.6	...	72.9	0.732	61	140	S W	68	...	Hazy.
6	29.735	0.128	84.5	76.6	95.3	77.4	...	73.3	0.810	68	145	S by E	33	...	Fine with passing clouds: lg. S.
7	29.778	0.132	84.5	76.2	95.0	77.4	...	73.6	0.793	67	132	South	25	...	Fine.
8	29.812	0.129	85.4	76.6	92.8	78.4	...	73.1	0.798	65	107	S E by S	10	...	Fine: lg. S. W.
9	29.834	0.142	84.2	77.1	92.8	78.8	...	74.1	0.836	72	108	S S E	18	...	Light haze.
10	29.818	0.143	84.5	77.4	91.5	77.7	...	73.4	0.846	72	123	S E	22	...	Hazy: lg. S. W.
11	29.840	0.138	84.1	77.0	90.2	77.8	...	74.7	0.833	72	103	S E	22	...	Fine with passing clouds: lg. W.
12	29.866	0.131	83.2	76.2	89.7	77.1	...	72.9	0.810	71	96	E by S	47	...	Fine with passing clouds.
13	29.855	0.133	83.4	76.7	91.3	78.9	...	75.4	0.829	73	108	N N E	73	...	Cloudy: lg. S. W.
14	29.869	0.118	76.2	74.1	78.4	75.6	...	72.0	0.810	91	115	N W	90	3.22	Cloudy: lg. N.: heavy rain.
15	29.847	0.101	77.3	75.4	83.4	74.9	...	73.9	0.857	91	84	N N W	92	1.10	Cloudy: th. and lg.: rain.
16	29.854	0.096	80.7	70.9	84.9	75.9	...	74.2	0.875	84	106	North	73	0.25	Do. do.
17	29.796	0.134	77.6	75.3	82.5	75.7	...	74.2	0.848	90	99	N by W	72	1.33	Cloudy with rain.
18	29.766	0.125	80.2	76.0	85.7	74.6	...	71.6	0.843	81	137	N by E	50	...	Fine with passing clouds.
19	29.683	0.104	79.4	75.7	82.7	76.7	...	72.8	0.841	84	349	N E	97	0.87	Overcast: th. and lg.: rain.
20	29.798	0.097	76.8	74.5	83.8	74.9	...	72.0	0.825	90	185	S E by S	93	2.57	Do. do. do.
21	29.891	0.082	76.5	74.8	82.6	74.3	...	72.4	0.840	92	115	S S E	98	3.81	Do. do. do.
22	29.882	0.163	77.0	74.7	81.5	73.4	...	72.6	0.830	90	52	Var.	100	0.07	Overcast.
23	29.868	0.172	76.5	73.4	82.0	71.7	...	71.6	0.783	86	111	North	80	1.41	Cloudy: rain.
24	29.839	0.096	78.1	74.1	83.3	73.2	...	71.4	0.789	82	125	N N W	80	0.02	Do.
25	29.826	0.138	75.2	73.2	76.4	73.1	...	71.3	0.779	90	98	S W	100	1.45	Overcast with rain.
26	29.788	0.178	79.0	74.9	85.4	73.9	...	73.2	0.812	82	61	SW by W	67	...	Cloudy.
27	29.769	0.110	79.9	75.3	86.3	75.2	...	72.3	0.817	80	96	S E	7	...	Fine.
28	29.850	0.099	80.8	76.7	87.3	76.6	...	73.2	0.860	83	86	S E	10	...	Do.
29	29.888	0.093	80.9	75.2	86.3	76.9	...	73.4	0.789	75	107	N by E	30	...	Fine with passing clouds.
30	29.888	0.122	79.5	75.0	85.2	75.1	...	70.4	0.809	80	74	North	23	...	Fine.
31	29.852	0.131	79.9	74.9	84.8	74.6	...	69.4	0.799	78	83	N N E	23	...	Do.
Mean	29.812	0.127	80.9	75.6	87.0	76.0	...	72.9	0.810	78	122	E S E	59	17.09	

Madras Meteorological Observations. 1863—November.

November 1863	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.855	0.098	80.2	75.7	85.3	75.9	...	71.9	0.829	80	140	N N E	35	...	Fine with passing clouds.
2	29.881	0.094	78.9	70.8	83.6	75.0	...	71.3	0.647	66	171	N N E	17	...	Do.
3	29.903	0.108	76.5	69.0	83.4	69.8	...	64.6	0.609	67	148	N N E	20	...	Do.
4	29.892	0.106	75.4	67.6	82.9	69.7	...	60.3	0.573	65	114	North	12	...	Fine.
5	29.846	0.132	76.2	67.9	83.5	67.7	...	66.6	0.560	63	100	North	7	...	Do.
6	29.849	0.114	78.3	70.9	83.9	72.6	...	65.5	0.658	68	124	N N E	38	...	Fine with passing clouds.
7	29.887	0.099	78.1	71.4	83.8	71.5	...	64.6	0.680	71	126	N N E	10	...	Fine.
8	29.910	0.092	78.1	70.8	83.5	71.7	...	65.1	0.657	69	136	N N E	13	...	Do.
9	29.911	0.119	78.1	71.2	83.5	72.9	...	66.6	0.672	70	115	N E by N	35	...	Hazy.
10	29.935	0.111	77.3	71.1	82.8	71.1	...	64.7	0.680	72	120	N E by N	12	...	Fine.
11	29.941	0.131	76.6	70.9	83.0	70.5	...	63.9	0.680	74	106	N N E	12	...	Do.
12	29.920	0.108	76.2	70.8	83.7	71.8	...	65.6	0.682	75	91	N N E	10	...	Do.
13	29.901	0.113	76.4	70.9	84.8	69.5	...	62.4	0.684	75	77	N N E	0	...	Clear.
14	29.894	0.104	79.4	73.2	86.5	72.9	...	67.3	0.736	73	73	North	3	...	Do.
15	29.922	0.094	79.5	74.3	84.7	74.1	...	68.2	0.779	77	100	East	25	...	Hazy.
16	29.943	0.084	77.4	74.8	83.5	73.9	...	65.8	0.829	88	80	N E	70	0.55	Cloudy with rain.
17	29.935	0.106	79.0	75.3	83.0	74.9	...	70.5	0.829	83	123	N N E	93	0.32	Do.
18	29.954	0.137	79.0	75.5	82.1	74.1	...	72.2	0.837	85	170	N by W	97	0.26	Overcast.
19	29.984	0.110	77.7	74.0	82.9	76.5	...	74.2	0.791	83	183	N E by E	87	0.42	Cloudy.
20	29.966	0.136	79.4	74.1	83.5	75.5	...	71.6	0.773	77	162	N E	60	0.01	Do.
21	29.976	0.129	79.3	72.8	83.5	76.5	...	72.5	0.721	72	192	N E	45	0.02	Fine with passing clouds.
22	29.998	0.121	77.1	69.9	82.2	71.7	...	65.9	0.636	68	138	N N E	33	...	Do.
23	30.001	0.131	75.7	72.5	82.4	70.3	...	63.7	0.757	85	98	North	67	0.09	Do.
24	30.005	0.113	77.3	72.6	82.9	72.5	...	68.7	0.739	79	115	N N E	48	0.01	Do.
25	29.993	0.110	78.0	72.3	83.0	73.2	...	70.7	0.718	75	140	N E by N	37	0.01	Do.
26	29.972	0.109	77.7	71.7	82.2	72.4	...	65.4	0.698	74	130	N N E	47	...	Do.
27	29.957	0.121	76.5	70.6	82.1	71.3	...	65.4	0.670	73	131	N N E	32	...	Do.
28	29.977	0.089	77.2	70.8	82.5	70.5	...	64.6	0.668	71	148	N N E	27	...	Do.
29	29.973	0.130	77.0	70.2	82.5	70.9	...	65.1	0.648	70	188	N by E	32	...	Do.
30	29.953	0.099	77.5	70.1	81.6	73.9	...	70.5	0.638	67	243	N N E	87	0.34	Cloudy.
Mean	29.934	0.112	77.7	71.8	83.3	72.5	...	67.2	0.703	74	133	N N E	37	2.03	

Madras Meteorological Observations. 1863—December.

December 1863	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deducted		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.899	0.089	73.6	71.7	76.3	71.6	...	69.3	0.757	91	228	North	100	2.38	Overcast with rain.
2	29.957	0.087	74.7	72.8	77.0	72.0	...	71.1	0.782	91	182	N E	100	1.92	Do.
3	29.984	0.099	75.5	73.7	79.6	73.5	...	71.7	0.809	92	113	N E	100	1.55	Do.
4	29.979	0.135	72.7	71.5	74.0	71.9	...	71.5	0.759	94	104	North	100	5.48	Do.
5	29.994	0.145	73.5	71.5	76.2	71.6	...	70.9	0.748	90	103	N N W	100	1.98	Do.
6	29.965	0.103	76.2	71.9	79.6	73.0	...	72.5	0.725	80	154	N E	90	0.03	Cloudy.
7	29.967	0.118	75.1	70.6	79.6	70.0	...	65.7	0.690	79	102	N E.	17	...	Fine.
8	30.002	0.104	73.6	70.1	78.9	68.9	...	64.5	0.691	83	98	N E	17	...	Do.
9	30.025	0.098	73.7	66.9	79.0	67.0	...	60.9	0.570	69	106	N E.	47	...	Fine with passing clouds.
10	30.023	0.102	74.0	67.5	79.0	69.5	...	63.8	0.588	68	115	North	35	...	Do.
11	30.011	0.116	74.7	68.5	79.6	69.0	...	64.2	0.615	72	115	N N E	47	...	Do.
12	30.033	0.096	74.5	69.0	79.6	68.3	...	62.6	0.636	74	144	N E by N	43	...	Do.
13	30.037	0.112	74.2	69.2	79.6	70.0	...	65.6	0.648	76	151	N N E	23	...	Do.
14	30.028	0.096	73.6	67.6	79.6	66.7	...	61.6	0.597	72	141	N E by N	33	...	Do.
15	30.014	0.116	74.2	67.8	79.8	67.6	...	59.8	0.595	70	160	N E by N	33	...	Do.
16	30.009	0.113	74.4	68.4	79.9	68.8	...	62.6	0.616	72	124	N E by N	22	...	Do.
17	29.985	0.117	72.4	66.7	78.6	67.5	...	58.4	0.579	73	116	N N E	22	...	Do.
18	30.034	0.086	72.8	67.1	79.4	65.2	...	57.4	0.589	73	120	N E by N	25	...	Do.
19	30.035	0.113	74.3	67.5	79.5	70.4	...	62.6	0.585	69	160	N N E	20	...	Fine.
20	30.041	0.092	74.6	68.6	79.3	69.8	...	65.1	0.620	72	173	N N E	23	...	Fine with passing clouds.
21	30.055	0.106	74.1	67.2	78.9	67.8	...	60.3	0.575	68	144	N E by N	28	...	Do.
22	30.036	0.129	73.7	68.3	79.4	68.0	...	60.3	0.621	74	119	N N E	37	...	Do.
23	30.033	0.126	73.1	68.1	79.6	68.2	...	61.6	0.621	76	86	N N E	30	...	Do.
24	30.036	0.113	72.8	68.4	79.6	65.6	...	57.6	0.636	79	109	N N E	38	...	Do.
25	30.006	0.134	76.2	67.8	79.7	71.5	...	67.3	0.568	62	184	N N E	27	0.02	Do.
26	29.989	0.113	75.6	68.7	80.2	71.2	...	64.6	0.610	69	192	N E by N	28	...	Do.
27	29.992	0.098	74.8	69.0	80.1	68.8	...	63.6	0.633	73	167	N N E	67	...	Cloudy.
28	30.008	0.102	76.3	70.8	79.9	74.9	...	70.8	0.681	75	199	N N E	100	0.02	Overcast.
29	29.999	0.113	74.7	69.8	80.5	76.8	...	63.6	0.663	77	159	N N E	72	...	Cloudy.
30	29.984	0.143	72.5	67.5	78.9	67.8	...	61.2	0.608	76	131	N N E	22	...	Fine.
31	29.976	0.140	71.6	66.6	78.6	65.8	...	58.6	0.587	76	105	N N E	20	...	Do.
Mean	30.004	0.111	74.1	69.1	79.0	69.4	...	64.4	0.645	76	139	N N E	47	13.38	

Madras Mean Monthly and Annual Meteorological Results in 1863.

	Barometer		Dry Bulb Thermometer				Wet Bulb		Tension of Vapour	Relative Humidity	Maximum	Minimum	Wind		Rain		Clear Sky		
	Reduced to 32°	Daily Range	Mean	Max.	Min.	Range	Mean	Min.	By Blanford's Tables	Cents	°	°	Miles	Points	Points	Inches		No.	Days
Inches	Inches		°	°	°	°	°	°	Inches	Cents									
January	30.016	0.116	73.5	79.3	68.0	11.3	68.9	66.4	0.617	78	..	65.1	115	4	N E	1.95	2	68	
February	29.943	0.125	75.9	81.9	70.0	11.9	71.5	68.3	0.715	80	..	65.1	118	7	E by N	...	...	68
March	29.892	0.127	80.0	86.7	73.2	13.5	74.3	71.5	0.775	75	..	68.7	94	12	S E	0.67	2	78	
April	29.790	0.135	83.9	91.6	77.6	14.0	78.0	75.3	0.881	76	..	74.6	132	14	S S E	5.05	6	69	
May	29.715	0.125	87.4	96.4	81.0	15.4	79.0	76.3	0.882	68	..	77.7	169	15	S by E	0.12	1	67	
June	29.663	0.125	87.1	97.3	80.4	16.9	76.3	73.8	0.766	60	..	76.8	182	19	S W by S	1.07	8	30	
July	29.701	0.114	84.0	93.2	78.0	15.2	75.9	72.9	0.789	68	..	74.6	151	20	S W	7.07	17	29	
August	29.714	0.132	83.6	92.7	77.4	15.3	76.1	73.1	0.801	70	..	73.4	146	18	S S W	3.14	18	36	
September	29.742	0.127	83.3	90.8	77.0	13.8	75.4	72.7	0.777	69	..	73.4	140	20	S W	3.04	15	27	
October	29.812	0.127	80.9	87.6	76.0	11.6	75.6	73.1	0.816	78	..	72.9	122	10	E S E	17.09	12	41	
November	29.931	0.112	77.7	83.3	72.5	10.8	71.8	69.6	0.703	74	..	67.2	133	2	N N E	2.63	10	63	
December	30.004	0.111	74.1	79.0	69.4	9.6	69.1	66.7	0.645	76	..	64.4	139	2	N N E	13.38	8	53	
Annual	29.832	0.123	81.0	88.3	75.0	13.3	74.3	71.4	0.766	73	..	71.2	139	12	S E	54.61	99	52	

Madras Extreme Monthly Meteorological Records in 1863.

	Barometer			Range	Dry Bulb Thermometer				Wet Bulb		Humidity		Sun Thermometer		Grass Thermometer		Wind			Rain.		
	Inches	Highest	Lowest		Inches	Day	°	Day	°	Day	°	Cents	Day	°	Day	°	Miles	Day	Inches	Day		
																					Lowest	Highest
January ..	30.137	11	29.887	24	0.250	31	63.0	1	62.0	1	61	7	...	...	57.3	1	237	9	71	1	1.46	27
February ..	30.100	24	29.819	17	0.281	16	65.0	26	63.2	26	57.	25	...	...	57.3	28	219	20	64	5	...	...
March	30.018	16	29.746	13	0.272	29	68.2	1	66.8	3	52	7	...	...	61.4	3	138	4	52	16	0.65	16
April	29.927	10	29.634	4	0.293	30	73.7	25	72.2	25	56	30	...	...	69.8	1	221	8	53	18	2.10	21
May	29.828	2	29.536	31	0.272	31	79.5	5	73.2	22	40	30	...	...	75.1	4	245	6	74	14	0.12	16
June	29.809	10	29.548	1	0.261	5	76.6	17	70.7	17	36	21	...	...	73.7	17	237	20	114	16	0.30	21
July	29.851	14	29.562	25	0.289	1	73.2	15	69.7	19	39	8	...	...	70.1	20	217	1	101	8	2.39	15
August ..	29.859	21	29.555	12	0.304	2	75.6	27	71.1	12	42	15	...	...	71.7	11	191	13	113	26	0.74	5
September ..	29.907	13	29.611	2	0.296	25	72.9	17	70.8	22	30	25	...	...	71.4	17	196	22	73	4	0.88	17
October ..	29.966	22	29.615	19	0.351	1	71.7	23	69.1	25	43	5	...	...	69.4	31.	349	19	52	22	3.81	21
November ..	30.070	23	29.790	5	0.280	14	67.7	5	65.0	4	50	5	...	...	60.3	4	243	30	73	14	0.55	16
December ..	30.105	21	29.848	1	0.257	29	65.2	18	63.0	18	54	25	...	...	57.4	18	228	1	86	23	5.48	4

Madras Meteorological Observations. 1864—January.

January 1864	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Snn	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
	Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles				Points	Cents	Inches
1	29.969	0.133	71.5	66.7	78.3	65.2	...	56.4	0.592	74	84	N E by N	13	...	Fine.
2	29.968	0.127	72.4	66.9	77.9	65.2	...	57.3	0.587	73	77	N E	5	...	Clear.
3	29.977	0.109	72.9	67.1	78.2	65.5	...	57.6	0.587	73	101	N E by N	18	...	Fine.
4	29.970	0.134	74.2	67.9	80.0	67.0	...	59.5	0.600	71	117	N E	38	...	Fine with passing clouds.
5	29.957	0.130	74.4	69.2	80.6	67.1	...	59.5	0.645	75	152	N E	49	...	Cloudy.
6	29.992	0.103	75.8	69.9	80.5	70.4	...	64.7	0.651	72	204	N E	50	...	Do.
7	30.012	0.114	76.2	69.0	79.7	74.1	...	68.5	0.613	68	224	N E	47	...	Fine with passing clouds.
8	30.015	0.116	75.6	68.4	79.6	73.2	...	68.4	0.599	67	218	N E	77	...	Cloudy.
9	30.040	0.099	75.5	67.2	78.3	74.3	...	69.2	0.557	63	231	N E by N	97	...	Overcast.
10	30.031	0.118	74.0	67.2	78.8	71.0	...	69.6	0.577	69	186	N N E	50	...	Cloudy.
11	30.009	0.121	73.3	66.8	79.4	67.7	...	60.8	0.572	70	175	N N E	27	...	Fine with passing clouds.
12	30.023	0.138	72.0	65.3	79.0	65.5	...	57.7	0.535	68	120	N E	18	...	Do.
13	30.006	0.146	71.7	63.4	77.8	64.4	...	55.7	0.474	61	144	N E by N	23	...	Hazy.
14	29.978	0.109	71.9	64.2	79.5	67.7	...	55.8	0.499	63	88	N E	63	...	Cloudy.
15	29.939	0.151	72.2	64.0	79.6	66.2	...	58.5	0.488	61	103	N N E	33	...	Hazy.
16	29.916	0.136	72.0	66.0	78.9	63.5	...	54.4	0.560	71	88	N E	7	...	Fine.
17	29.938	0.134	72.5	66.8	79.9	64.8	...	56.2	0.582	73	128	E N E	7	...	Do.
18	29.941	0.123	72.0	66.4	78.3	64.5	...	56.5	0.575	73	91	N E	5	...	Clear.
19	29.962	0.137	72.4	66.1	78.6	64.8	...	56.5	0.558	70	119	N E	3	...	Do.
20	30.009	0.113	72.7	63.7	79.1	64.3	...	55.2	0.471	58	100	E N E	5	...	Do.
21	30.030	0.136	71.5	64.4	79.4	64.0	...	54.9	0.511	66	86	N E	32	...	Hazy.
22	30.015	0.129	70.6	64.5	78.5	62.1	...	55.7	0.527	70	102	N E by N	18	...	Fine.
23	29.981	0.142	69.7	63.6	78.4	61.8	...	52.6	0.508	70	69	N E	22	...	Do.
24	29.964	0.130	70.1	63.8	80.7	61.6	...	54.5	0.509	69	73	East	13	...	Do.
25	29.980	0.149	70.4	64.2	81.0	61.1	...	51.6	0.519	69	109	N E by E	13	...	Do.
26	29.986	0.138	70.4	63.3	79.3	61.2	...	52.0	0.489	66	100	N N E	12	...	Do.
27	29.995	0.137	70.1	63.9	79.5	61.7	...	52.2	0.512	69	79	N E	2	...	Clear.
28	29.983	0.124	69.8	63.9	78.0	60.5	...	52.1	0.516	70	81	N E by E	17	...	Hazy.
29	30.013	0.110	70.1	64.3	78.5	61.6	...	53.9	0.523	70	70	E by N	22	...	Do.
30	30.001	0.123	71.4	66.2	79.4	63.3	...	54.1	0.575	75	70	E S E	8	...	Fine.
31	30.014	0.110	72.2	65.8	79.1	64.7	...	57.2	0.550	70	82	E S E	12	...	Do.
Mean	29.988	0.126	72.3	65.8	79.2	65.5	...	57.7	0.550	69	118	N E	26	Nil.	

Madras Meteorological Observations. 1864—February.

February 1864	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	30.068	0.115	73.0	65.7	79.7	64.4	...	57.4	0.536	66	99	N E by E	17	...	Hazy.
2	30.112	0.102	73.4	66.1	79.5	65.4	...	57.2	0.545	66	138	N E	17	...	Fine.
3	30.109	0.093	75.9	67.7	80.9	70.7	...	63.1	0.575	63	215	N E	30	...	Fine with passing clouds.
4	30.121	0.117	75.4	68.8	80.6	71.8	...	68.3	0.618	71	190	N E by N	33	...	Do.
5	30.123	0.130	74.4	68.9	80.6	67.6	...	60.1	0.634	74	113	N E by N	20	...	Do.
6	30.107	0.136	74.4	67.9	80.7	66.1	...	58.8	0.597	70	114	N E	13	...	Fine.
7	30.102	0.136	74.4	65.8	79.7	66.8	...	57.9	0.522	61	159	N E	17	...	Do.
8	30.065	0.132	72.9	65.1	78.6	68.0	...	60.2	0.516	64	119	N E	25	...	Fine with passing clouds.
9	30.060	0.113	71.4	64.8	78.8	63.5	...	54.8	0.527	69	111	N E by N	3	...	Clear.
10	30.040	0.124	73.6	65.1	79.9	64.8	...	56.6	0.507	61	132	N E	5	...	Do.
11	30.044	0.113	73.6	65.0	79.6	66.4	...	59.5	0.506	61	126	E N E	20	...	Passing clouds.
12	30.074	0.105	75.9	65.7	80.4	72.4	...	65.9	0.497	56	132	E N E	40	...	Do.
13	30.031	0.122	73.5	65.6	82.2	67.4	...	59.9	0.525	63	91	E N E	47	...	Do.
14	29.942	0.151	71.6	64.6	79.3	64.2	...	56.9	0.517	67	69	East	15	...	Fine.
15	29.881	0.139	70.7	65.4	79.3	61.4	...	52.5	0.557	74	80	S E by E	10	...	Do.
16	29.855	0.133	73.6	67.8	85.4	64.0	...	56.6	0.611	73	142	S E	3	...	Clear.
17	29.847	0.175	75.8	70.5	82.8	68.0	...	63.7	0.679	76	173	S S	5	...	Do.
18	29.795	0.171	77.9	72.6	85.6	70.6	...	65.5	0.731	77	197	S S E	3	...	Do.
19	29.787	0.125	79.2	72.4	86.8	72.9	...	69.3	0.706	71	210	S by E	3	...	Do.
20	29.809	0.134	78.9	73.0	84.9	73.1	...	67.4	0.733	74	191	S S E	10	...	Fine.
21	29.913	0.104	78.3	73.7	84.2	73.6	...	68.5	0.771	80	179	S E	23	...	Passing clouds.
22	29.963	0.121	77.7	71.8	83.3	71.7	...	65.8	0.707	74	123	S E	20	...	Fine.
23	29.904	0.142	78.1	72.0	83.5	73.1	...	66.0	0.705	74	113	S E	20	...	Do.
24	29.847	0.150	77.4	70.7	83.3	70.9	...	66.5	0.663	71	147	S E by S	7	...	Do.
25	29.854	0.131	77.8	72.0	85.3	69.6	...	64.0	0.708	74	175	S S E	13	...	Do.
26	29.885	0.141	79.2	73.3	85.9	73.5	...	68.9	0.741	74	179	S S E	13	...	Do.
27	29.865	0.157	79.6	73.5	86.5	72.9	...	68.0	0.746	74	169	S S E	12	...	Do.
28	29.822	0.143	80.2	74.2	88.8	73.7	...	69.2	0.766	74	168	S S E	7	...	Do.
29	29.871	0.108	79.6	73.8	86.3	73.8	...	68.4	0.757	75	188	S E by S	3	...	Clear.
Mean	29.962	0.130	75.8	69.1	82.5	69.0	...	62.7	0.628	70	146	E by S	16	Nil.	

Madras Meteorological Observations. 1864—March.

March 1864	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Volo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.941	0.119	78.7	71.8	85.1	73.2	...	67.2	0.688	70	...	S E by S	5	...	Clear.
2	29.949	0.121	78.2	71.5	84.6	70.8	...	64.7	0.683	71	...	S E	13	...	Fine.
3	29.953	0.144	76.9	70.6	83.7	71.9	...	65.4	0.676	72	...	S E	0	...	Clear.
4	29.978	0.114	77.3	71.4	84.1	69.1	...	65.0	0.690	73	...	S E	12	...	Fine.
5	30.020	0.140	78.2	72.2	84.6	71.1	...	65.4	0.711	74	...	E by S	32	...	Fine with passing clouds.
6	30.036	0.135	79.4	72.3	85.0	74.8	...	72.1	0.699	70	...	E N E	23	...	Do.
7	29.999	0.137	77.9	71.8	84.2	71.4	...	66.1	0.700	74	...	East	20	...	Fine.
8	29.961	0.141	77.8	71.2	85.8	70.3	...	63.1	0.677	72	...	E S E	13	...	Do.
9	29.981	0.134	77.4	70.5	84.2	69.8	...	63.4	0.651	70	...	E S E	20	...	Do.
10	30.014	0.119	76.3	68.4	84.1	69.1	...	67.0	0.589	61	...	S E by E	28	...	Fine with passing clouds.
11	29.972	0.156	76.1	68.7	84.5	65.1	...	58.1	0.605	67	...	S E by E	10	...	Fine.
12	29.951	0.134	77.5	70.4	85.3	68.0	...	61.7	0.660	69	...	S E	13	...	Do.
13	29.952	0.137	78.8	72.6	85.4	71.1	...	64.2	0.719	73	...	S E	30	...	Fine with passing clouds.
14	29.915	0.147	79.2	73.0	86.5	71.9	...	65.5	0.730	73	...	S E by S	20	...	Fine.
15	29.915	0.128	79.7	72.5	87.3	72.1	...	65.0	0.703	70	...	S E	17	...	Do.
16	29.956	0.125	79.5	72.7	87.1	72.0	...	66.2	0.714	71	131	S E by S	13	...	Do.
17	29.944	0.133	78.0	71.8	85.7	70.2	...	63.9	0.699	73	146	S E by S	3	...	Clear.
18	29.892	0.154	79.1	72.2	87.9	68.9	...	62.6	0.698	70	162	S S E	23	...	Fine with passing clouds.
19	29.892	0.112	81.2	74.7	89.6	73.3	...	68.4	0.773	73	161	S S E	43	...	Hazy.
20	29.923	0.140	80.0	73.8	87.8	73.9	...	69.1	0.752	73	153	S by E	7	...	Fine.
21	29.926	0.129	78.5	71.8	86.6	69.7	...	63.4	0.691	71	136	S S E	12	...	Do.
22	29.905	0.129	78.7	72.8	87.6	69.3	...	61.0	0.729	74	175	South	3	...	Clear.
23	29.906	0.156	79.0	73.4	87.5	71.1	...	66.5	0.749	76	153	S by E	10	...	Do.
24	29.918	0.107	78.8	73.2	87.7	70.7	...	64.0	0.744	76	127	S S E	12	...	Fine.
25	29.945	0.130	77.8	72.4	86.1	70.6	...	64.5	0.724	75	110	S S E	3	...	Clear.
26	29.949	0.150	79.7	74.1	87.6	70.1	...	63.4	0.769	76	137	S S E	3	...	Do.
27	29.932	0.126	79.9	74.7	87.8	72.0	...	64.6	0.791	77	141	S S E	13	...	Fine.
28	29.897	0.121	81.4	75.1	89.4	73.3	...	67.5	0.788	73	180	S S E	18	...	Do.
29	29.909	0.148	81.7	75.6	91.6	75.0	...	71.1	0.806	75	169	S S E	13	...	Do.
30	29.924	0.134	82.3	75.0	89.8	75.0	...	73.6	0.771	70	181	S S E	20	...	Do.
31	29.911	0.127	82.2	75.2	91.2	75.0	...	73.6	0.781	71	178	S S E	20	...	Do.
Mean	29.944	0.133	78.9	72.5	86.6	71.3	...	65.7	0.715	72	...	S E by S	15	Nil.	

Madras Meteorological Observations. 1864—April.

April 1864	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.905	0.138	82.2	77.0	88.6	75.4	...	70.2	0.859	78	175	S S E	23	...	Fine.
2	29.925	0.130	82.7	76.6	89.1	76.0	...	72.9	0.835	75	169	S E by S	23	...	Do.
3	29.946	0.126	81.7	75.4	88.5	75.4	...	69.2	0.797	73	131	S E	7	...	Clear.
4	29.930	0.108	80.1	73.6	87.9	72.3	...	66.0	0.742	72	104	S E	10	...	Fine.
5	29.905	0.111	80.0	72.9	87.8	71.1	...	64.8	0.715	70	120	S E	13	...	Do.
6	29.856	0.132	81.0	74.6	88.6	72.3	...	65.4	0.771	73	141	S by W	7	...	Clear.
7	29.815	0.138	82.5	77.2	90.1	74.4	...	69.8	0.864	78	163	S E by S	37	...	Fine with passing clouds.
8	29.780	0.145	84.1	78.1	90.9	78.0	...	74.6	0.882	75	181	S S E	15	...	Fine.
9	29.813	0.137	83.6	76.9	90.0	78.7	...	74.7	0.835	73	155	S S E	20	...	Do.
10	29.846	0.112	81.9	74.8	88.8	74.8	...	68.8	0.768	71	118	S E	5	...	Clear.
11	29.879	0.122	81.3	74.2	89.0	72.3	...	65.2	0.752	71	106	S E	3	...	Do.
12	29.882	0.130	82.8	76.4	89.4	75.6	...	69.0	0.824	73	100	S E	20	...	Fine.
13	29.834	0.136	83.7	76.5	90.5	75.8	...	70.2	0.817	71	131	S E	12	...	Do.
14	29.763	0.104	83.7	77.6	93.1	77.2	...	73.2	0.866	75	159	S S E	33	...	Fine with passing clouds.
15	29.793	0.129	83.3	76.8	90.0	75.1	...	75.3	0.835	73	149	S E by E	23	...	Do.
16	29.824	0.130	83.7	76.4	90.0	76.5	...	69.2	0.812	70	121	S S E	20	...	Fine.
17	29.837	0.136	82.6	76.2	90.1	76.3	...	70.1	0.818	73	99	S S E	40	...	Fine with passing clouds.
18	29.844	0.128	82.7	75.0	89.2	75.7	...	70.1	0.766	63	90	S E	53	...	Cloudy.
19	29.835	0.110	83.1	75.9	89.8	74.8	...	69.4	0.798	70	118	S S E	33	...	Fine with passing clouds.
20	29.831	0.119	83.9	77.4	91.7	77.5	...	73.9	0.853	73	108	S S E	87	...	Cloudy.
21	29.834	0.112	83.8	77.7	92.1	75.8	...	76.3	0.869	75	122	S E by S	78	...	Do.
22	29.830	0.108	84.5	77.6	90.9	78.6	...	74.1	0.854	72	106	E S E	48	...	Fine with passing clouds.
23	29.865	0.112	84.2	78.7	90.5	78.8	...	74.2	0.908	77	129	S S E	73	0.23	Cloudy.
24	29.885	0.098	84.3	77.5	90.5	77.1	...	74.2	0.353	73	121	S by E	30	...	Fine with passing clouds.
25	29.879	0.110	85.5	78.0	92.8	77.9	...	76.7	0.859	75	173	S by E	0	...	Clear.
26	29.845	0.123	86.1	79.6	94.9	78.0	...	74.4	0.924	74	163	South	0	...	Do.
27	29.799	0.159	85.0	77.6	96.9	78.1	...	76.2	0.848	70	157	South	45	...	Passing clouds.
28	29.796	0.140	87.0	78.7	97.9	78.6	...	77.3	0.870	67	165	South	20	...	Fine.
29	29.811	0.106	86.2	79.5	95.7	78.8	...	77.9	0.917	73	135	South	18	...	Do.
30	29.847	0.140	85.5	79.7	93.2	78.5	...	78.2	0.937	77	191	S by E	13	...	Do.
Mean	29.848	0.124	83.4	76.8	91.0	76.2	...	72.1	0.835	73	138	S S E	27	0.23	

Madras Meteorological Observations. 1864—May.

May 1864	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion.			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.861	0.120	85.3	78.5	92.3	79.9	...	76.4	0.884	73	162	S by E	13	...	Fine.
2	29.834	0.161	84.8	78.5	91.3	79.3	...	75.6	0.881	75	135	S by E	27	...	Fine with passing clouds.
3	29.829	0.142	85.2	76.8	91.2	78.0	...	75.9	0.809	67	119	S S E	18	...	Fine.
4	29.810	0.126	84.7	78.7	91.9	78.1	...	73.4	0.901	76	125	S S E	15	...	Do.
5	29.823	0.121	85.0	78.7	92.9	77.4	...	75.6	0.899	75	124	S S E	0	...	Clear.
6	29.790	0.134	85.8	78.2	94.9	78.1	...	74.6	0.864	70	122	S S E	10	...	Fine.
7	29.795	0.112	85.7	78.7	92.6	77.8	...	76.3	0.888	72	99	S S E	40	...	Fine with passing clouds.
8	29.819	0.137	85.8	78.8	93.0	80.6	...	75.5	0.892	72	90	S E	27	...	Fine with passing clouds : th.
9	29.818	0.149	84.1	77.9	92.9	79.5	...	75.4	0.873	75	117	S S W	60	0.03	Morning fine : afternoon th. and lg.
10	29.841	0.098	84.7	76.4	92.3	76.6	...	72.6	0.799	67	120	S E	67	...	Cloudy.
11	29.872	0.087	85.0	78.2	91.1	81.1	...	77.9	0.874	73	129	S by E	83	...	Do.
12	29.884	0.105	85.6	78.6	93.1	80.1	...	77.8	0.885	72	120	S by E	33	...	Do.
13	29.895	0.123	85.3	76.9	92.8	78.2	...	74.7	0.812	67	117	S by E	10	...	Fine.
14	29.877	0.155	85.1	78.1	92.1	78.1	...	74.0	0.869	72	178	S S E	13	...	Do.
15	29.846	0.146	86.0	76.5	93.2	78.6	...	73.6	0.786	63	163	S S E	27	...	Fine with passing clouds.
16	29.835	0.142	85.9	78.2	92.3	79.6	...	74.9	0.862	69	175	South	50	...	Do.
17	29.840	0.139	85.9	78.3	92.7	79.2	...	75.2	0.868	70	194	South	37	...	Do.
18	29.899	0.118	85.0	77.9	92.5	79.6	...	76.2	0.862	72	172	S S E	45	...	Do.
19	29.882	0.162	85.4	77.6	92.5	78.6	...	74.9	0.843	69	178	South	17	...	Fine.
20	29.852	0.169	86.2	78.0	94.0	79.3	...	74.4	0.849	68	205	South	27	...	Fine with passing clouds.
21	29.802	0.136	85.6	78.3	93.8	79.1	...	76.8	0.872	71	221	S S E	18	...	Fine : lg.
22	29.826	0.119	87.3	78.0	95.3	80.9	...	77.9	0.834	64	264	South	2	...	Clear.
23	29.808	0.145	87.3	79.2	97.8	80.0	...	76.8	0.890	69	225	South	3	...	Do.
24	29.743	0.153	88.0	79.6	96.1	80.8	...	76.4	0.898	67	255	South	7	...	Clear : lg.
25	29.710	0.145	89.9	79.4	100.0	82.3	...	76.8	0.863	61	191	S S W	30	...	Fine with passing clouds.
26	29.709	0.122	87.9	79.0	95.1	83.5	...	79.0	0.872	66	243	South	35	...	Do.
27	29.729	0.125	87.3	78.3	94.9	79.9	...	73.9	0.838	64	205	South	37	...	Do.
28	29.717	0.129	87.4	78.1	96.8	79.7	...	77.8	0.837	64	284	South	15	...	Fine.
29	29.755	0.127	87.3	76.4	94.9	80.2	...	76.7	0.763	58	164	S S E	35	...	Passing clouds : lg. S. W.
30	29.718	0.133	85.8	76.8	100.0	82.1	...	77.4	0.801	65	181	S W	53	...	Cloudy : th.
31	29.702	0.133	88.6	78.3	99.7	80.8	...	76.3	0.831	61	217	S S W	27	...	Fine with passing clouds : th N. W.
Mean	29.811	0.133	86.1	78.1	94.1	79.6	...	75.8	0.855	69	171	S by E	28	0.03	

Madras Meteorological Observations. 1864—June.

June 1864	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.705	0.104	84.4	76.5	101.6	80.8	...	74.4	0.807	68	223	S W by S	70	1.29	Cloudy : th., lg. and rain.
2	29.669	0.136	85.6	77.8	95.0	79.8	...	75.5	0.849	69	208	S S W	28	...	Passing clouds.
3	29.652	0.158	86.2	77.2	94.6	80.2	...	75.5	0.813	65	263	S by E	28	...	Fine with passing clouds.
4	29.635	0.133	86.8	77.3	94.5	81.4	...	77.1	0.810	63	314	South	37	...	Passing clouds.
5	29.613	0.144	87.0	77.0	98.1	81.0	...	76.3	0.794	62	220	South	57	0.03	Do.
6	29.630	0.144	87.3	77.0	96.6	83.0	...	79.1	0.790	61	252	S S W	83	...	Cloudy.
7	29.656	0.117	88.4	77.4	98.6	83.1	...	78.5	0.792	59	267	S W	60	...	Do.
8	29.669	0.127	87.9	77.2	94.9	81.9	...	76.1	0.790	60	264	S W	55	...	Passing clouds.
9	29.696	0.135	87.6	78.0	97.1	82.6	...	76.7	0.831	64	260	S by W	63	...	Cloudy : lg.
10	29.621	0.164	86.6	77.6	96.9	81.7	...	77.0	0.826	65	243	S S W	57	...	Do.
11	29.581	0.146	86.9	77.8	97.9	81.8	...	77.0	0.831	65	245	S W	50	...	Fine with passing clouds : th. N. W.
12	29.623	0.104	85.8	78.1	98.4	80.5	...	76.6	0.859	69	235	SW by W	47	0.36	Fine with passing clouds.
13	29.653	0.102	84.4	78.0	97.1	77.3	...	76.8	0.873	74	211	SW by W	50	0.10	Do. do.
14	29.705	0.092	87.3	77.8	97.6	79.3	...	76.7	0.826	64	214	W S W	60	...	Cloudy.
15	29.723	0.120	87.4	76.3	97.7	82.2	...	76.0	0.758	58	200	W S W	70	...	Cloudy : th.
16	29.707	0.121	87.6	77.9	100.1	82.1	...	76.2	0.826	63	220	S W	23	...	Fine with passing clouds.
17	29.683	0.113	88.5	78.3	100.6	82.4	...	77.4	0.832	62	230	W S W	23	...	Do. do.
18	29.698	0.087	87.3	77.6	95.6	82.5	...	77.5	0.817	63	200	S S W	53	...	Passing clouds.
19	29.735	0.087	85.8	77.3	97.7	79.5	...	76.7	0.823	66	214	S S W	57	...	Passing clouds : lg. S. W.
20	29.748	0.130	86.7	75.6	98.3	76.6	...	75.4	0.737	58	208	W S W	50	0.03	Passing clouds.
21	29.783	0.129	86.5	77.0	99.1	81.2	...	76.9	0.801	63	220	West	63	0.03	Cloudy.
22	29.787	0.117	87.6	75.4	98.0	81.4	...	78.1	0.717	55	227	W S W	73	0.02	Do.
23	29.846	0.149	81.5	74.2	90.4	77.9	...	77.5	0.750	70	200	West	97	0.04	Overcast.
24	29.837	0.116	83.9	76.2	92.3	78.5	...	75.4	0.801	69	169	West	97	...	Do.
25	29.766	0.116	86.7	75.3	97.6	78.5	...	75.1	0.724	57	177	NW by N	83	0.01	Cloudy.
26	29.732	0.128	90.0	74.2	98.0	83.1	...	79.8	0.634	44	264	West	97	...	Overcast.
27	29.752	0.128	89.3	75.3	98.9	83.3	...	79.6	0.689	50	245	W by S	80	...	Cloudy.
28	29.781	0.125	88.4	75.2	97.5	83.5	...	80.6	0.697	52	290	S W	70	...	Do.
29	29.797	0.127	87.3	75.6	100.3	82.5	...	78.4	0.729	57	217	S by W	70	...	Do.
30	29.771	0.136	86.6	76.0	99.1	81.7	...	77.3	0.756	60	201	South	72	0.04	Do.
Mean	29.708	0.125	86.8	76.7	97.3	81.0	...	77.0	0.786	62	230	S W	61	1.95	

Madras Meteorological Observations. 1864—July.

July 1864	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass			Daily Velo- city	Mean Direc- tion			
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Humi- idity					
Day	Inches.	Inches	°	°	°	°	°	°	Inches	Cents.	Miles	Points	Cents	Inches	
1	29.742	0.110	87.0	76.2	98.4	81.5	...	77.7	0.759	59	171	South	53	...	Passing clouds.
2	29.742	0.110	86.1	76.5	98.0	79.4	...	76.1	0.785	63	239	S by W	65	0.03	Do.
3	29.765	0.106	86.1	76.8	98.9	79.0	...	77.3	0.797	64	221	S by W	73	0.44	Cloudy.
4	29.720	0.160	85.4	77.4	99.5	78.2	...	74.9	0.833	68	208	S S W	57	0.03	Do.
5	29.695	0.149	88.5	75.3	100.1	80.6	...	76.5	0.700	52	236	S W by S	67	0.01	Do.
6	29.682	0.104	86.6	74.3	92.3	80.7	...	76.8	0.683	54	183	W S W	93	...	Overcast.
7	29.672	0.134	86.1	74.7	95.4	82.8	...	79.2	0.707	57	228	S W	97	...	Do.
8	29.663	0.158	85.3	75.4	95.4	82.9	...	79.8	0.748	61	218	S W	97	0.10	Do.
9	29.682	0.119	84.5	75.7	93.9	78.5	...	75.0	0.771	67	199	S W	93	0.05	Do.
10	29.721	0.092	85.3	75.8	97.7	80.1	...	74.6	0.765	63	218	SW by S	70	0.01	Cloudy.
11	29.742	0.154	86.5	75.4	97.3	78.4	...	74.8	0.732	58	230	SW by S	75	...	Do.
12	29.737	0.127	86.1	73.6	97.3	81.8	...	77.0	0.661	53	261	W S. W	90	...	Overcast.
13	29.730	0.158	84.7	72.8	90.1	80.3	...	76.6	0.648	54	216	W S. W	100	...	Do.
14	29.677	0.134	84.9	73.4	93.1	80.4	...	77.5	0.669	56	247	W S. W	100	0.01	Do.
15	29.683	0.070	80.6	74.3	92.7	77.7	...	76.7	0.766	73	203	S W.	100	0.48	Do.
16	29.677	0.154	82.3	74.2	89.4	77.7	...	74.0	0.738	67	305	S W.	100	0.08	Do.
17	29.706	0.114	84.7	73.2	93.5	77.0	...	73.6	0.664	56	333	SW by W	97	...	Do.
18	29.682	0.155	87.2	73.6	96.6	79.9	...	75.2	0.647	50	325	SW by W	77	...	Cloudy.
19	29.685	0.126	87.2	74.6	98.7	78.8	...	73.3	0.688	54	252	W S W	70	0.17	Do.
20	29.720	0.095	82.6	74.4	95.7	78.2	...	75.5	0.742	66	220	W N W	87	0.14	Do.
21	29.717	0.146	87.2	74.5	97.2	77.7	...	76.5	0.685	53	282	W S W	80	...	Do.
22	29.741	0.128	88.6	74.3	98.2	82.3	...	76.1	0.656	48	283	S W	78	..	Do.
23	29.756	0.140	90.1	73.9	99.7	81.0	...	74.6	0.620	44	249	S W	60	...	Passing clouds.
24	29.779	0.145	90.8	72.7	100.2	82.6	...	76.8	0.561	39	280	W S W	43	...	Do.
25	29.817	0.137	89.9	73.3	98.4	83.4	...	77.5	0.598	43	282	W S W	57	...	Do.
26	29.825	0.160	88.8	73.8	99.1	81.9	...	76.3	0.633	46	264	W S W	67	...	Do.
27	29.805	0.127	86.3	74.7	98.3	81.2	...	77.2	0.705	57	247	S S W	60	...	Do.
28	29.806	0.119	87.3	74.8	96.4	81.8	...	76.8	0.695	54	250	S by W	63	...	Do.
29	29.836	0.104	83.0	75.7	96.5	75.5	...	76.7	0.793	70	194	SE by S	63	0.33	Do.
30	29.856	0.125	82.0	76.0	92.7	75.5	...	74.2	0.818	75	187	SW by S	80	0.24	Cloudy.
31	29.842	0.095	81.8	76.1	87.5	74.7	...	71.8	0.824	76	200	S W	100	0.08	Overcast.
Mean	29.739	0.129	85.9	74.8	96.1	79.7	...	76.0	0.713	58	240	S W.	78	2.20	

Madras Meteorological Observations. 1864—August.

August 1864	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Rango			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hnm- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.811	0.128	81.4	75.8	90.5	75.5	...	73.6	0.819	77	156	SW by S	97	0.26	Overcast with rain.
2	29.808	0.135	80.8	76.2	90.8	75.6	...	73.9	0.843	80	134	S W	90	1.28	Do. do.
3	29.826	0.124	80.8	76.7	89.7	74.0	...	72.1	0.866	82	209	S S W	87	1.01	Do. do.
4	29.857	0.118	80.7	75.6	91.5	74.1	...	73.4	0.818	78	218	S S W	80	0.97	Cloudy : rain.
5	29.799	0.149	82.3	76.1	91.5	74.6	...	73.6	0.818	74	189	SW by S	77	...	Do.
6	29.775	0.143	84.5	75.7	92.8	78.7	...	71.9	0.771	67	183	W S W	70	...	Do.
7	29.720	0.113	86.1	75.4	94.1	78.7	...	74.7	0.737	59	247	W by S	47	...	Passing clouds.
8	29.722	0.132	86.7	75.2	96.1	80.6	...	75.9	0.720	57	241	S W	40	...	Hazy.
9	29.765	0.155	86.1	74.5	95.8	79.0	...	73.3	0.699	57	230	S W	49	...	Do.
10	29.753	0.110	86.0	74.8	96.7	79.3	...	71.9	0.712	58	240	S W	60	0.37	Cloudy.
11	29.748	0.159	84.1	77.1	95.6	78.7	...	74.2	0.836	72	215	SW by S	59	0.03	Passing clouds.
12	29.736	0.124	85.2	75.3	94.1	77.5	...	74.1	0.745	61	216	W S W	83	...	Cloudy.
13	29.733	0.140	87.3	72.7	95.3	79.9	...	73.6	0.609	47	247	West	80	...	Do.
14	29.767	0.125	86.6	73.7	96.5	80.7	...	75.9	0.658	52	257	W S W	77	0.01	Do.
15	29.819	0.139	85.3	74.7	97.0	80.1	...	73.7	0.718	59	201	S W	39	...	Fine with passing clouds.
16	29.826	0.158	85.4	73.4	93.8	80.3	...	72.9	0.632	54	175	South	7	...	Fine.
17	29.824	0.149	85.3	74.9	93.6	78.7	...	73.2	0.726	59	163	S by E	20	...	Fine with passing clouds.
18	29.835	0.134	85.5	76.5	94.0	78.8	...	73.7	0.792	65	151	S by E	39	...	Do. do.
19	29.833	0.109	86.5	76.6	93.6	80.3	...	75.5	0.783	62	163	S by W	33	...	Do. do.
20	29.837	0.123	84.5	76.3	92.7	78.9	...	74.9	0.797	67	145	South	57	...	Passing clouds : lg.
21	29.839	0.109	84.5	76.7	92.8	78.0	...	74.4	0.815	69	145	South	49	...	Do. do.
22	29.809	0.149	84.1	76.8	94.0	77.4	...	74.1	0.824	71	132	South	39	...	Fine with passing clouds : lg. W.
23	29.791	0.147	84.4	76.1	92.7	75.5	...	72.7	0.790	67	154	South	13	...	Fine.
24	29.778	0.124	84.5	78.3	90.9	79.5	...	75.9	0.886	75	112	S E	49	0.04	Light clouds : lg. S. W.
25	29.756	0.140	83.3	76.4	92.4	75.4	...	72.4	0.817	71	219	South	40	0.01	Fine with passing clouds : lg. N.
26	29.744	0.151	85.1	77.2	93.5	78.6	...	75.0	0.828	68	172	S by E	15	...	Fine : lg. S. W.
27	29.734	0.116	81.5	76.6	92.3	77.0	...	76.0	0.851	79	146	S S W	67	0.99	Thunder showers : th. and lg.
28	29.772	0.119	76.2	73.5	79.4	74.2	...	72.7	0.791	87	128	West	100	1.55	Overcast with rain.
29	29.754	0.124	76.3	73.2	78.2	74.0	...	71.7	0.778	86	195	W S W	93	0.79	Do. do.
30	29.747	0.112	80.0	74.7	86.6	74.5	...	72.6	0.790	77	170	W S W	80	0.01	Cloudy : lg. S.
31	29.740	0.110	81.8	75.4	86.7	76.7	...	73.5	0.795	73	160	W S W	87	...	Do.
Mean	29.783	0.132	83.6	75.6	92.1	77.6	...	73.8	0.777	68	185	SW by S	57	7.32	

Madras Meteorological Observations. 1864—September.

September 1864	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.759	0.102	83.0	75.3	89.4	77.5	...	73.7	0.775	68	222	W by S	90	...	Cloudy.
2	29.774	0.142	83.7	75.4	91.8	79.0	...	74.8	0.770	66	193	W S W	70	0.02	Do.
3	29.797	0.148	83.8	75.7	93.0	79.3	...	75.1	0.781	68	207	SW by W	73	0.07	Cloudy : th. and lg.
4	29.804	0.135	83.9	76.9	95.2	78.8	...	74.7	0.831	72	222	S W by S	70	...	Cloudy : th. and lg. S. E. and S. W.
5	29.792	0.104	80.7	75.7	92.4	77.8	...	75.0	0.822	78	224	S W	83	0.21	Cloudy : th. and lg. S. W.
6	29.752	0.142	83.3	76.6	95.2	77.8	...	74.6	0.826	73	194	S S W	80	...	Cloudy : th. and lg. N. W.
7	29.753	0.134	81.8	76.6	90.5	77.7	...	74.3	0.848	78	195	S W by S	87	0.16	Cloudy : th. and lg. S. W.
8	29.765	0.108	83.0	76.2	89.2	77.8	...	74.6	0.813	72	159	W S W	93	...	Cloudy : lg. N. W.
9	29.771	0.140	84.0	75.2	92.1	78.1	...	75.5	0.757	64	192	West	80	...	Cloudy.
10	29.808	0.112	84.6	74.8	92.2	78.5	...	75.0	0.731	61	228	W S W	50	...	Passing clouds.
11	29.839	0.110	83.8	75.8	92.3	78.9	...	75.5	0.785	68	206	S S E	40	...	Fine with passing clouds.
12	29.834	0.108	84.9	75.8	92.9	78.7	...	73.1	0.770	63	152	S E by S	43	...	Do. do.
13	29.810	0.141	85.2	75.5	94.8	78.9	...	72.7	0.754	62	175	S E by S	30	...	Do. do.
14	29.807	0.115	84.8	75.6	93.4	78.6	...	73.7	0.762	62	158	S E by S	27	...	Do. do.
15	29.819	0.123	84.5	76.3	93.8	78.7	...	74.2	0.797	67	184	South	43	...	Passing clouds.
16	29.807	0.131	84.5	76.2	94.4	78.2	...	74.0	0.793	67	133	S S E	60	...	Do.
17	29.814	0.126	84.5	74.7	93.2	78.4	...	74.2	0.729	61	149	S W	80	...	Cloudy : lg. S.
18	29.835	0.139	84.8	77.3	93.9	78.8	...	74.7	0.837	70	215	S S W	87	...	Cloudy.
19	29.785	0.172	84.9	77.3	94.8	78.7	...	75.0	0.836	70	256	S by W	40	0.12	Passing clouds.
20	29.762	0.165	84.1	76.7	94.9	77.2	...	73.8	0.820	70	224	S S W	53	...	Do.
21	29.809	0.125	85.1	76.8	94.0	78.7	...	74.9	0.811	67	176	S S E	73	...	Cloudy : lg. S. W.
22	29.833	0.131	86.2	75.7	92.7	80.7	...	76.1	0.748	60	122	S W by W	90	...	Cloudy.
23	29.826	0.119	83.7	76.1	94.4	80.3	...	75.4	0.800	69	103	NW by N	70	...	Cloudy : lg. W.
24	29.835	0.117	82.2	77.4	85.7	79.6	...	75.5	0.878	80	87	NW by W	95	0.24	Overcast.
25	29.872	0.082	82.6	77.4	89.3	78.6	...	75.9	0.871	78	71	North	83	0.01	Cloudy.
26	29.921	0.125	82.9	76.2	88.5	77.6	...	71.8	0.814	72	93	East	23	...	Fine with passing clouds.
27	29.896	0.140	82.8	75.6	89.5	75.4	...	69.5	0.789	70	81	E S E	17	...	Fine.
28	29.863	0.141	82.7	75.1	90.3	74.8	...	70.0	0.771	69	109	E S E	13	...	Do.
29	29.871	0.131	84.3	76.5	91.4	76.6	...	72.0	0.809	69	117	S E by E	7	...	Fine : th. and lg.
30	29.879	0.140	84.9	76.9	92.4	79.6	...	75.0	0.817	68	82	S E	18	...	Fine : lg. N.
Mean	29.816	0.128	83.8	76.1	92.3	78.3	...	74.1	0.798	69	164	S by W	59	0.83	

Madras Meteorological Observations. 1864—October.

October 1864	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.888	0.154	84.3	77.7	91.1	77.8	...	73.4	0.862	74	92	E S E	37	...	Light clouds: th. and lg. N.
2	29.847	0.126	82.3	75.7	88.3	75.8	...	73.3	0.801	73	179	N by E	30	0.48	Fine with passing clouds: lg. S. W.
3	29.814	0.119	82.2	77.0	87.3	76.6	...	73.7	0.859	78	149	N N W	47	0.42	Fine with light clouds: th. S.
4	29.813	0.116	82.4	76.3	88.7	76.1	...	72.9	0.826	75	89	N E by E	37	...	Fine with passing clouds.
5	29.826	0.114	82.7	75.0	91.5	75.9	...	72.8	0.766	68	94	S E by E	27	...	Fine with passing clouds: lg. S. W.
6	29.866	0.126	82.8	71.8	92.9	75.4	...	73.5	0.633	57	103	N E	47	...	Hazy.
7	29.854	0.121	84.6	72.4	92.4	77.9	...	72.5	0.632	53	177	N N E	33	...	Fine with passing clouds.
8	29.854	0.124	83.6	75.0	90.4	76.0	...	72.3	0.754	65	166	N E by N	33	...	Fine with light clouds.
9	29.847	0.117	83.7	75.3	89.9	76.0	...	72.6	0.765	65	186	N E by N	32	...	Do. do.
10	29.865	0.139	81.8	74.7	91.0	77.6	...	72.5	0.766	71	128	N N E	87	...	Cloudy: lg. S. E.
11	29.873	0.151	79.4	73.8	83.7	76.1	...	70.5	0.760	76	146	N by W	97	...	Overcast.
12	29.884	0.114	79.0	75.6	86.6	76.5	...	74.7	0.839	85	119	N N W	97	0.07	Do.
13	29.883	0.121	81.2	74.2	90.6	73.4	...	69.9	0.753	71	176	N by E	60	...	Fine with light clouds.
14	29.921	0.124	81.7	74.9	88.8	76.5	...	72.2	0.775	72	199	N by W	50	...	Do. do.
15	29.930	0.114	81.6	76.1	87.5	75.5	...	72.0	0.828	77	217	N by E	67	...	Cloudy.
16	29.939	0.105	79.5	76.3	83.6	76.7	...	73.6	0.865	86	93	N by E	57	1.68	Passing clouds: th. and lg.: rain.
17	29.934	0.099	77.8	74.9	85.7	75.0	...	72.0	0.828	86	74	N E	77	0.24	Cloudy: th. and lg.: rain.
18	29.889	0.132	75.2	73.6	78.6	72.8	...	73.2	0.809	93	218	North	100	4.09	Overcast with rain.
19	29.736	0.137	76.7	75.1	81.8	73.3	...	73.6	0.851	93	431	N E by N	100	5.88	Do.
20	29.767	0.025	73.6	71.5	75.9	71.8	...	70.9	0.745	90	265	W N W	100	0.90	Do.
21	29.855	0.104	79.0	76.1	85.8	72.5	...	72.9	0.862	87	98	SW by W	93	...	Cloudy.
22	29.923	0.102	79.9	74.3	87.4	74.8	...	70.9	0.774	76	76	NW by W	35	...	Light clouds.
23	29.925	0.135	79.7	74.3	87.5	73.0	...	67.0	0.776	76	88	N N W	22	...	Fine with light clouds.
24	29.923	0.125	79.4	75.7	88.9	74.3	...	69.3	0.841	84	75	S by E	30	...	Fine with passing clouds.
25	29.940	0.097	79.8	75.1	88.4	73.6	...	66.3	0.809	79	81	S by W	3	...	Clear.
26	29.980	0.113	78.7	73.7	85.5	72.8	...	65.9	0.766	78	70	S E by E	7	...	Fine.
27	29.981	0.118	79.5	73.4	85.4	72.6	...	57.4	0.742	74	126	N E	5	...	Do.
28	29.979	0.120	79.0	71.0	84.6	73.4	...	65.9	0.653	66	139	N N E	20	...	Do.
29	29.979	0.120	79.0	68.8	84.1	72.3	...	64.9	0.568	58	207	N N E	12	...	Do.
30	29.950	0.120	76.3	69.4	84.0	68.8	...	59.6	0.627	69	161	North	18	...	Fine with light clouds.
31	29.888	0.111	77.6	68.0	85.9	68.6	...	61.6	0.558	59	172	N by W	25	...	Do. do.
Mean	29.889	0.117	80.1	74.1	86.9	74.5	...	70.1	0.764	75	148	N by E	48	13.76	

Madras Meteorological Observations. 1864—November.

November 1864	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.807	0.138	80.3	69.9	89.0	73.7	...	68.6	0.592	57	142	West	83	...	Cloudy.
2	29.892	0.071	82.4	74.6	88.0	80.5	...	75.7	0.753	68	363	S by E	67	...	Fine with light clouds.
3	29.984	0.114	81.5	75.9	86.4	77.8	...	73.8	0.821	77	169	S E	40	...	Fine with light clouds: th.
4	30.003	0.095	79.7	75.0	84.4	74.5	...	73.4	0.806	79	214	E N E	63	0.63	Passing clouds.
5	30.021	0.117	79.3	73.9	84.0	76.2	...	74.4	0.765	76	203	N E	57	0.01	Do.
6	30.034	0.102	79.3	72.7	85.0	75.3	...	69.5	0.717	71	172	N E by N	63	...	Do.
7	29.990	0.102	77.7	71.1	82.8	73.7	...	67.7	0.675	71	138	N E	43	...	Do.
8	29.973	...	...	...	83.6	70.6	...	64.0	...	...	165	N E by N	47	...	Do.
9	30.011	0.106	79.0	73.0	83.7	73.6	...	65.7	0.732	74	188	N E	57	...	Do.
10	30.037	0.110	79.4	73.5	83.5	77.1	...	72.8	0.747	74	257	N E	70	0.21	Cloudy.
11	30.053	0.117	79.8	73.5	83.5	77.2	...	73.5	0.742	73	256	N E	63	0.08	Passing clouds.
12	30.020	0.136	80.1	73.1	84.2	77.3	...	73.5	0.722	70	234	N E	63	0.01	Do.
13	30.021	0.131	77.7	72.3	82.1	74.8	...	71.6	0.721	75	231	N by E	77	0.51	Cloudy: rain.
14	29.979	0.128	75.7	72.0	82.9	73.0	...	71.1	0.736	83	272	N E by N	85	0.92	Do. do.
15	29.945	0.125	75.6	72.1	81.6	71.8	...	68.7	0.742	84	153	N by E	87	...	Do.
16	29.959	0.098	76.8	73.1	83.1	72.2	...	70.8	0.766	83	143	North	77	0.47	Do.
17	29.948	0.098	78.3	73.3	82.1	74.6	...	69.7	0.754	78	290	North	87	...	Do.
18	29.860	0.156	72.2	71.7	76.0	70.1	...	70.0	0.772	98	416	North	100	9.35	Overcast: heavy rain.
19	29.916	0.044	74.4	72.2	80.3	70.7	...	72.8	0.762	89	354	E S E	93	0.10	Do.
20	29.996	0.112	76.6	73.9	82.9	72.0	...	70.1	0.801	87	67	S by E	50	0.07	Passing clouds.
21	30.000	0.110	77.6	74.6	82.7	73.6	...	68.0	0.818	86	112	East	40	0.28	Do.
22	30.023	0.092	78.4	72.8	81.8	75.7	...	71.5	0.733	76	237	N E	37	...	Do.
23	30.035	0.097	78.0	71.0	81.8	75.5	...	70.9	0.666	70	243	N N E	30	...	Do.
24	29.998	0.122	76.1	70.8	80.9	71.4	...	65.9	0.684	76	184	N N E	37	...	Do.
25	29.981	0.109	74.6	69.1	80.1	70.2	...	65.4	0.639	74	192	North	43	...	Do.
26	29.954	0.105	74.3	69.8	79.2	69.8	...	63.6	0.669	79	238	N N. W	80	0.29	Cloudy.
27	29.920	0.124	73.9	71.5	78.9	72.0	...	71.1	0.741	88	234	N N W	100	1.24	Overcast with rain.
28	29.980	0.131	73.7	71.9	75.4	72.7	...	71.1	0.759	91	280	E by N	100	4.31	Do.
29	30.017	0.118	77.3	73.3	82.3	73.0	...	71.1	0.767	82	224	E N E	70	...	Cloudy.
30	30.024	0.108	77.5	73.9	82.0	73.4	...	72.6	0.790	84	163	N E	70	...	Do.
Mean	29.979	0.111	77.5	72.6	82.5	73.8	...	70.3	0.738	78	211	N E	66	18.48	

Madras Meteorological Observations. 1864—December.

December 1864	BAROMETER REDUCED TO 32°		Corrected : Mean Temperature		SELF REGISTERING THERMOMETERS				Deducted		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	30.019	0.089	77.0	72.8	82.5	74.7	...	74.0	0.752	81	147	N E	60	...	Passing clouds.
2	29.987	0.118	75.8	72.4	81.2	72.6	...	71.8	0.751	84	81	N N E	57	...	Do.
3	29.993	0.127	77.0	73.1	82.0	71.7	...	68.3	0.763	82	152	N by E	53	...	Do.
4	30.002	0.117	76.8	72.1	80.1	74.0	...	71.9	0.726	78	264	N E by N	70	0.66	Cloudy with rain.
5	29.983	0.104	76.6	71.2	81.2	73.1	...	71.0	0.692	75	307	N N E	70	0.06	Do.
6	30.000	0.091	75.7	72.0	80.3	73.0	...	70.1	0.736	83	200	North	73	0.69	Do.
7	29.991	0.119	77.4	73.7	81.7	72.6	...	72.4	0.783	83	289	N N E	63	0.07	Passing clouds.
8	29.985	0.093	78.4	73.9	82.3	75.3	...	73.4	0.777	80	321	N E	67	0.11	Cloudy.
9	29.987	0.121	77.8	70.7	81.9	75.5	...	71.7	0.658	70	267	N N E	53	...	Passing clouds.
10	29.978	0.128	75.6	68.4	80.1	70.7	...	66.9	0.600	67	219	North	47	...	Do.
11	29.974	0.120	74.3	68.9	80.2	68.9	...	61.0	0.636	74	152	North	20	...	Fine with passing clouds.
12	29.991	0.101	74.8	69.6	80.9	69.0	...	63.2	0.655	75	161	North	57	...	Passing clouds.
13	29.987	0.124	75.0	69.2	79.9	70.0	...	64.6	0.637	73	196	North	52	...	Do.
14	29.994	0.128	75.2	67.8	80.1	72.2	...	64.7	0.582	66	167	N N E	30	...	Do.
15	29.984	0.111	74.6	68.6	80.0	68.0	...	60.5	0.620	72	151	N by E	25	...	Fine with passing clouds.
16	29.992	0.109	74.3	69.1	79.9	68.7	...	60.6	0.643	75	172	N by E	60	...	Hazy.
17	29.991	0.117	75.2	69.5	80.1	69.8	...	64.4	0.647	73	219	North	67	...	Passing clouds.
18	30.007	0.104	74.8	69.2	81.1	70.6	...	64.2	0.640	74	176	N N E	72	...	Cloudy.
19	30.004	0.122	75.4	67.9	80.3	69.8	...	64.4	0.584	66	167	N N E	43	...	Light clouds.
20	30.011	0.109	74.3	67.3	81.3	69.9	...	63.1	0.576	68	131	N E by E	60	...	Do.
21	29.996	0.124	73.9	68.8	80.8	68.9	...	61.2	0.637	76	144	N E by N	47	...	Passing clouds.
22	30.004	0.112	74.9	69.8	81.0	69.1	...	62.1	0.662	77	184	N by E	43	...	Do.
23	30.018	0.085	75.9	70.4	81.1	69.6	...	64.0	0.671	75	249	N by E	43	...	Do.
24	30.072	0.084	76.4	70.5	80.9	70.8	...	64.6	0.668	73	257	N N E	70	0.10	Cloudy.
25	30.079	0.091	77.0	72.5	81.3	73.4	...	71.6	0.740	80	344	N E by N	63	0.74	Passing clouds : rain.
26	30.100	0.112	77.7	71.5	81.9	76.0	...	72.9	0.691	73	300	N N E	60	...	Do.
27	30.080	0.107	75.9	69.8	80.0	70.3	...	64.7	0.647	73	199	N N E	30	...	Fine with passing clouds.
28	30.071	0.125	75.4	68.9	80.8	70.1	...	63.9	0.621	71	185	N E by N	37	...	Passing clouds.
29	30.076	0.098	74.9	67.7	80.5	71.4	...	66.6	0.583	67	191	N N E	37	...	Hazy : passing clouds.
30	30.064	0.079	75.4	66.7	79.7	71.2	...	67.8	0.540	61	265	N E by N	33	...	Fine with passing clouds.
31	30.048	0.090	74.1	66.4	78.8	68.8	...	60.9	0.546	64	225	N N E	23	...	Fine.
Mean	30.015	0.108	75.7	70.0	80.8	71.3	...	66.5	0.660	74	209	N N E	51	2.43	

Madras Mean Monthly and Annual Meteorological Results in 1864.

	Barometer		Dry Bulb Thermometer				Wet Bulb		Tension of Vapour	Relative Humidity	Sun Maximum	Minimum on Grass	Wind		Rain		Clear Sky																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	Reduced to 32°	Daily Range	Mean	Max.	Min.	Range	Mean	Min.	By Blanford's Tables	Cents			Miles	Points	Mean Direction	Amount		Days																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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Madras Extreme Monthly Meteorological Records in 1864.

	Barometer				Dry Bulb Thermometer				Wet Bulb		Humidity		Sun Thermometer		Grass Thermometer		Wind				Rain			
	Highest		Lowest		Range		Lowest		Highest		Lowest		Lowest		Highest		Lowest		Highest		Lowest		Greatest Fall	
	Inches	Day	Inches	Day	Inches		°	Day	°	Day	°	Day	Cents	Day	°	Day	°	Day	Miles	Day	Miles	Day	Inches	Day
January ...	30.104	21	29.853	16	0.251		81.0	25	60.5	28	58.5	28	44	26	...	51.6	25	231	9	69	23	...	...	...
February...	30.196	5	29.726	19	0.470		88.8	28	61.4	15	59.0	15	53	12	...	52.5	15	215	3	69	14	...	...	...
March	30.111	6	29.826	18	0.285		91.6	29	65.1	11	62.4	11	55	19	...	58.1	11	...	...	...	...	...	...	...
April.....	30.006	3	29.705	14	0.301		97.9	28	71.1	5	68.1	5	49	28	...	64.8	5	191	30	90	18	...	...	...
May	29.953	13	29.633	31	0.320		100.9	30	76.6	10	71.3	10	43	25	...	72.6	10	284	28	90	8	0.23	23	9
June	29.894	24	29.492	11	0.402		101.6	1	76.6	20	70.8	29	39	28	...	74.4	1	314	4	169	24	1.29	1	15
July	29.902	26	29.582	8	0.320		100.2	24	74.7	31	68.6	24	32	26	...	71.8	31	333	17	171	1	0.48	15	28
August.....	29.914	4	29.644	8	0.270		97.0	15	74.0	3	68.8	14	39	13	...	71.7	29	257	14	112	24	1.55	28	24
September	29.971	26	29.682	7	0.289		95.2	4	74.8	28	71.3	10	47	10	...	69.5	27	256	19	71	25	0.24	24	19
October....	30.035	29	29.686	19	0.349		92.9	6	68.6	31	65.5	31	40	7	...	57.4	27	431	19	70	26	5.88	19	18
November..	30.105	11	29.819	18	0.286		89.0	1	69.8	26	66.1	1	48	1	...	63.6	26	416	18	67	20	9.35	18	25
December..	30.155	26	29.921	11	0.234		82.5	1	68.0	15	65.3	20	52	30	...	60.5	15	344	25	81	2	0.74	25	...

Madras Meteorological Observations. 1865—January.

January 1865	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	30.033	0.083	72.6	65.7	78.9	66.2	...	58.1	0.541	67	176	N N E	20	...	Fine.
2	30.052	0.096	72.1	66.6	78.8	66.7	...	59.3	0.580	74	138	N N E	47	...	Fine with passing clouds.
3	30.050	0.120	73.5	67.7	79.4	66.8	...	61.6	0.601	73	201	N N E	33	...	Fine with light clouds.
4	30.084	0.129	73.9	66.0	79.3	67.3	...	58.2	0.534	63	202	N N E	43	...	Fine with passing clouds.
5	30.070	0.162	72.7	68.5	76.3	68.0	...	64.5	0.645	80	182	N by E	93	0.20	Overcast.
6	30.069	0.110	74.6	68.3	80.4	71.6	...	70.4	0.609	71	236	N E by E	73	...	Cloudy.
7	30.025	0.127	73.0	68.6	79.8	67.5	...	61.3	0.641	79	156	N E by E	30	...	Fine with passing clouds.
8	30.026	0.094	73.3	69.0	79.3	66.5	...	59.4	0.652	80	132	N E	17	...	Fine.
9	30.041	0.082	74.6	69.4	80.1	68.9	...	63.7	0.650	75	214	N N E	17	...	Do.
10	30.042	0.112	74.1	68.3	79.6	67.3	...	58.8	0.616	73	189	N E by N	23	...	Fine with passing clouds.
11	30.047	0.098	74.3	68.5	80.3	67.7	...	59.9	0.621	73	113	N E by N	27	...	Do. do.
12	30.049	0.100	73.9	68.8	80.6	67.7	...	60.0	0.637	76	105	N E by E	23	...	Do. do.
13	30.071	0.116	73.8	67.9	80.2	67.2	...	62.3	0.606	72	133	E N E	20	...	Fine.
14	30.088	0.101	74.2	67.4	79.7	67.9	...	60.8	0.581	69	230	N E	30	...	Fine with passing clouds.
15	30.093	0.096	74.0	66.3	79.6	67.0	...	58.0	0.544	64	250	N E by N	23	...	Do. do.
16	30.109	0.078	74.5	67.9	80.4	66.8	...	59.3	0.596	70	208	N N E	67	...	Cloudy.
17	30.079	0.123	76.6	69.5	81.2	74.4	...	70.4	0.628	69	256	N E by N	77	...	Do.
18	30.111	0.097	76.2	69.2	80.2	72.8	...	67.3	0.621	69	233	N E	30	...	Fine with passing clouds.
19	30.079	0.132	75.8	68.5	81.0	72.1	...	67.5	0.602	68	213	N E by E	32	...	Do. do.
20	30.081	0.111	74.2	66.4	79.9	67.2	...	58.4	0.545	64	186	N E	17	...	Fine.
21	30.066	0.096	73.6	65.7	79.7	66.3	...	56.9	0.528	63	176	N E by N	40	...	Passing clouds.
22	30.096	0.115	73.3	65.9	79.2	65.9	...	56.6	0.539	66	187	N E by N	18	...	Fine with passing clouds.
23	30.105	0.106	72.2	66.7	79.7	66.1	...	57.4	0.582	74	160	N E	22	...	Do. do.
24	30.083	0.143	73.6	68.1	79.6	66.6	...	59.1	0.615	74	156	N E by N	27	...	Do. do.
25	30.072	0.098	73.4	68.7	80.8	66.4	...	58.2	0.640	78	118	N E	13	...	Fine.
26	30.023	0.129	72.7	68.1	80.2	66.5	...	59.0	0.625	78	112	N E by E	10	...	Do.
27	29.967	0.156	71.7	67.0	79.8	64.5	...	56.0	0.600	77	84	East	30	...	Fine with passing clouds.
28	29.976	0.114	70.8	66.3	79.6	63.3	...	55.1	0.587	78	72	E S E	13	...	Fine.
29	29.997	0.130	73.6	69.1	80.8	64.3	...	55.5	0.652	79	117	E S E	13	...	Do.
30	29.989	0.132	75.0	69.6	81.1	67.6	...	60.4	0.652	75	119	E S E	13	...	Do.
31	29.966	0.134	74.5	69.6	82.1	66.8	...	58.5	0.658	77	145	S E by E	40	...	Passing clouds.
Mean	30.053	0.112	73.8	67.8	79.9	67.5	...	60.4	0.604	73	168	N E	32	0.20	

Madras Meteorological Observations. 1865—February.

February 1865	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	30.019	0.101	76.1	70.7	82.4	68.8	...	61.6	0.080	75	134	S E by E	70	...	Cloudy.
2	30.032	0.091	76.3	71.2	81.8	70.7	...	63.7	0.094	77	155	East	53	...	Passing clouds.
3	30.040	0.106	77.4	72.3	82.6	72.2	...	66.8	0.726	77	184	E N E	67	...	Do.
4	30.020	0.119	75.2	70.5	81.8	69.1	...	60.5	0.685	78	104	N E by E	33	...	Fine with passing clouds.
5	29.997	0.118	75.1	70.1	82.1	68.7	...	61.6	0.671	77	94	E by N	30	...	Do. do.
6	30.002	0.110	76.0	71.0	82.4	68.7	...	62.2	0.693	77	101	East	33	...	Do. do.
7	29.998	0.153	76.2	70.5	82.1	69.0	...	62.5	0.671	74	110	E by N	53	...	Passing clouds.
8	29.936	0.130	75.4	69.8	82.6	68.6	...	61.4	0.655	75	106	E by S	23	...	Fine with passing clouds.
9	29.910	0.122	76.1	70.1	82.5	69.0	...	60.6	0.657	73	149	S E	13	...	Fine.
10	29.883	0.143	77.0	71.1	83.8	70.7	...	64.4	0.683	73	185	S S E	27	...	Fine with passing clouds.
11	29.865	0.154	77.3	72.2	83.9	68.7	...	61.6	0.723	77	180	South	3	...	Clear.
12	29.908	0.123	79.2	74.7	85.6	73.5	...	66.5	0.800	80	170	S E	30	...	light clouds.
13	29.978	0.104	78.4	73.5	84.4	73.3	...	72.5	0.761	78	170	E S E	70	...	Cloudy.
14	30.011	0.105	78.6	72.5	83.7	74.2	...	68.7	0.718	74	159	East	40	...	Passing clouds.
15	30.046	0.107	79.2	72.7	85.5	74.5	...	67.7	0.718	72	203	East	22	...	Fine with passing clouds.
16	30.074	0.108	78.7	71.5	83.6	75.2	...	70.0	0.675	69	193	East	13	...	Fine.
17	30.022	0.146	78.4	70.7	83.8	74.2	...	69.0	0.649	67	139	East	15	...	Do.
18	29.981	0.126	77.3	70.9	84.2	70.0	...	62.8	0.671	71	102	E S E	10	...	Do.
19	29.994	0.134	77.9	71.4	85.2	69.9	...	62.4	0.683	71	125	E S E	7	...	Do.
20	30.000	0.118	76.8	71.0	85.1	70.0	...	63.1	0.682	74	80	E S E	0	...	Clear.
21	29.979	0.146	76.0	69.4	85.0	68.7	...	59.2	0.632	71	91	S E	0	...	Do.
22	29.905	0.151	75.8	70.6	84.6	67.7	...	59.1	0.680	76	94	S E	3	...	Do.
23	29.986	0.130	75.7	70.9	83.5	67.6	...	60.2	0.693	78	118	S E	18	...	Fine.
24	29.976	0.126	76.8	70.8	84.3	67.4	...	60.4	0.674	73	114	S E by E	37	...	Passing clouds.
25	29.945	0.156	79.4	73.6	86.4	71.9	...	67.4	0.752	75	175	S E by S	20	...	Fine.
26	29.942	0.139	80.0	73.9	86.4	73.7	...	68.0	0.756	74	173	S E	22	...	Fine with passing clouds.
27	29.993	0.102	79.9	73.6	86.1	73.7	...	67.5	0.745	73	183	S E	10	...	Fine.
28	30.036	0.106	78.6	72.4	85.0	72.2	...	65.6	0.713	73	109	E by S	15	...	Do.
Mean	29.984	0.124	77.3	71.6	83.9	70.8	...	64.2	0.698	74	139	E S E	26	Nil.	

Madras Meteorological Observations. 1865—March.

March 1865	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Reduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	30.017	0.118	79.0	72.1	84.9	73.8	...	67.5	0.696	70	138	East	15	...	Fine.
2	29.974	0.142	79.2	71.9	84.8	73.0	...	65.7	0.685	69	126	East	30	...	Fine with passing clouds.
3	29.937	0.140	78.1	71.2	84.9	70.6	...	64.2	0.672	70	132	E S E	17	...	Do. do.
4	29.916	0.145	78.2	72.3	85.4	68.9	...	61.0	0.715	73	169	S E.	10	...	Fine.
5	29.919	0.152	78.7	72.7	85.9	68.6	...	67.7	0.724	74	201	S E by S	10	...	Do.
6	29.915	0.121	79.0	72.0	85.7	71.7	...	64.6	0.692	70	184	S E by S	0	...	Clear.
7	29.900	0.157	79.2	72.3	86.4	70.0	...	63.2	0.701	70	217	S E.	3	...	Do.
8	29.884	0.165	81.1	75.3	87.9	74.7	...	68.5	0.800	75	237	S E by S	35	...	Passing clouds.
9	29.905	0.123	81.6	75.6	87.4	78.7	...	75.9	0.806	75	243	S E	47	...	Do.
10	29.968	0.125	80.4	73.8	86.4	74.2	...	68.1	0.747	72	150	E S E	38	...	Do.
11	29.983	0.119	80.3	73.1	87.5	72.7	...	69.8	0.719	69	108	E by S	20	...	Fine with passing clouds.
12	29.977	0.118	80.0	74.0	86.5	73.5	...	67.5	0.760	74	117	E S E	15	...	Fine.
13	29.934	0.130	80.1	73.8	86.8	73.4	...	67.6	0.750	73	122	E S E	40	...	Passing clouds.
14	29.961	0.097	80.9	73.5	86.5	75.6	...	69.0	0.727	69	154	E by S	47	...	Do.
15	29.991	0.102	80.0	73.7	87.3	72.8	...	71.8	0.748	73	175	E N E	47	...	Do.
16	30.030	0.114	79.2	73.2	86.6	72.0	...	66.9	0.738	74	104	E by N	55	...	Do.
17	30.027	0.116	79.4	72.8	86.2	72.7	...	66.8	0.720	72	140	E N E	60	...	Hazy.
18	29.991	0.110	79.0	72.2	85.7	71.7	...	65.1	0.700	71	122	E N E	60	...	Passing clouds.
19	29.975	0.112	79.1	72.2	85.3	72.2	...	66.0	0.698	70	156	NE by N	33	...	Fine with passing clouds.
20	30.003	0.109	79.4	73.9	86.1	72.2	...	67.0	0.764	76	118	E N E	58	...	Hazy.
21	29.990	0.127	81.1	74.6	87.4	76.2	...	71.8	0.770	73	123	East	53	...	Do.
22	29.960	0.129	79.6	73.2	86.5	71.8	...	65.9	0.733	72	104	East	12	...	Fine.
23	29.939	0.152	78.9	73.3	86.2	71.8	...	65.7	0.746	76	110	E S E	15	...	Do.
24	29.916	0.128	79.6	73.9	88.2	71.7	...	65.6	0.760	75	87	S E by S	8	...	Do.
25	29.939	0.102	80.1	73.9	88.6	71.8	...	66.6	0.755	73	110	E by S	7	...	Do.
26	29.945	0.101	80.5	73.7	89.9	71.7	...	65.6	0.741	71	159	S E by E	43	...	Fine with passing clouds.
27	29.949	0.130	80.6	74.1	87.7	71.8	...	65.7	0.756	72	122	S E by E	23	...	Do. do.
28	29.926	0.139	81.8	75.8	89.0	74.7	...	69.3	0.812	75	189	S E.	23	...	Do. do.
29	29.941	0.113	83.1	75.7	90.0	75.7	...	71.5	0.790	69	205	S E by S	17	...	Fine.
30	29.982	0.109	82.1	74.7	90.2	73.7	...	68.0	0.761	69	154	S E.	17	...	Do.
31	29.975	0.105	82.7	76.0	89.5	74.3	...	69.5	0.808	72	178	SE	17	...	Do.
Mean	29.957	0.124	80.1	73.6	87.0	72.8	...	67.4	0.742	72	150	E S E	28	Nil.	

Madras Meteorological Observations. 1865—April.

April 1865	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.969	0.124	84.3	77.9	90.6	78.4	...	75.0	0.870	74	146	S E	48	...	Hazy.
2	29.958	0.133	84.2	77.4	91.3	76.7	...	71.7	0.849	72	173	S E by S	73	...	Cloudy
3	29.961	0.118	84.2	77.5	91.4	77.8	...	72.5	0.854	73	191	S E by S	60	...	Fine with passing clouds.
4	29.950	0.142	84.2	77.6	91.2	77.1	...	72.0	0.859	74	199	S S E	33	...	Do. do.
5	29.917	0.159	84.6	77.4	94.4	76.6	...	74.0	0.845	71	239	S by E	43	...	Light clouds.
6	29.905	0.156	84.3	77.1	92.4	77.6	...	73.1	0.835	71	228	S S E	23	...	Fine.
7	29.895	0.144	83.9	77.8	90.8	77.1	...	72.2	0.872	75	202	S S E	13	...	Do.
8	29.888	0.127	84.4	78.0	92.2	77.6	...	73.1	0.873	74	204	S S E	3	...	Clear.
9	29.872	0.142	84.8	78.2	93.4	77.6	...	73.3	0.877	74	207	S by E	18	...	Fine.
10	29.864	0.116	84.9	78.2	93.6	78.0	...	74.0	0.876	73	204	S S E	10	...	Clear.
11	29.867	0.118	84.0	76.7	92.3	76.9	...	71.5	0.821	71	195	S S E	17	...	Fine.
12	29.914	0.125	83.1	75.5	90.6	74.4	...	70.7	0.782	69	122	S E by S	3	...	Clear.
13	29.944	0.127	84.1	77.2	91.1	76.7	...	71.8	0.841	72	110	S E by E	60	...	Passing clouds.
14	29.912	0.125	84.5	78.0	91.3	77.7	...	72.9	0.872	74	150	E S E	50	...	Do.
15	29.891	0.121	85.2	78.0	92.2	78.5	...	74.5	0.863	71	136	S E	17	...	Fine.
16	29.795	0.148	84.8	77.5	93.3	78.0	...	74.1	0.846	71	186	S S E	63	...	Hazy.
17	29.768	0.134	86.0	78.7	93.2	80.1	...	78.7	0.884	71	240	S S E	73	...	Cloudy.
18	29.852	0.067	86.1	76.6	92.9	79.0	...	75.5	0.789	63	204	S S E	53	...	Hazy.
19	29.879	0.133	84.7	78.2	89.4	79.9	...	76.2	0.878	74	117	E S E	70	...	Cloudy.
20	29.805	0.156	84.3	77.9	91.9	78.5	...	76.0	0.870	74	147	S E	63	0.02	Do.
21	29.809	0.114	85.5	78.6	93.1	78.8	...	76.1	0.886	72	174	S E	40	...	Passing clouds: lg.
22	29.828	0.146	85.5	79.5	92.1	80.8	...	78.2	0.928	76	206	S E	27	...	Fine with passing clouds: lg. N. W.
23	29.802	0.157	85.9	79.9	93.6	80.5	...	77.5	0.941	76	228	S E by S	20	...	Fine: lg. W.
24	29.775	0.139	87.1	79.9	95.7	80.9	...	77.7	0.925	72	209	S S E	53	...	Passing clouds: lg. S. E.
25	29.757	0.139	87.8	80.2	94.5	81.3	...	78.2	0.930	71	238	S by E	70	...	Passing clouds.
26	29.781	0.137	86.6	77.9	94.3	80.2	...	78.2	0.839	67	184	S S E	45	...	Light clouds.
27	29.802	0.117	86.7	79.4	92.7	81.4	...	77.2	0.907	71	221	S E	40	...	Passing clouds: lg. W. and N. W.
28	29.770	0.142	86.0	77.9	94.6	78.8	...	74.6	0.848	68	141	S E	38	...	Passing clouds: lg. W.
29	29.685	0.155	87.2	80.0	94.7	80.5	...	76.8	0.928	72	173	S E	30	...	Fine with passing clouds.
30	29.640	0.118	89.3	80.7	96.3	82.5	...	79.2	0.933	68	256	S by E	23	...	Fine: lg. W.
Mean	29.849	0.136	85.3	78.2	92.7	78.7	...	74.9	0.871	72	188	S E by S	39	0.02	

Madras Meteorological Observations. 1865—May.

May 1865	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
	Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles				Points	Cents	Inches
1	29.704	0.087	88.4	81.1	94.4	83.0	...	79.9	0.965	72	278	S S E	23	...	Light : clouds.
2	29.763	0.116	88.0	80.3	96.0	81.9	...	77.7	0.931	70	232	S E by S	27	...	Fine with passing clouds.
3	29.771	0.120	88.7	80.5	95.5	82.8	...	79.2	0.931	68	318	S by E	40	...	Do.
4	29.779	0.167	88.6	77.6	101.6	82.7	...	79.0	0.799	59	341	S S W	57	...	Hazy.
5	29.763	0.145	89.7	77.9	103.4	82.8	...	80.0	0.798	57	307	S S W	67	...	Passing clouds.
6	29.787	0.143	89.1	78.0	102.9	84.8	...	80.9	0.810	59	266	S S W	70	0.07	Passing clouds : th. and lg.
7	29.802	0.152	87.2	77.7	100.8	81.0	...	78.0	0.823	65	226	S W by S	83	0.02	Cloudy.
8	29.735	0.184	88.4	77.5	102.9	80.6	...	76.8	0.797	59	297	S W by S	40	...	Passing clouds.
9	29.751	0.119	89.3	77.6	102.8	82.8	...	79.4	0.750	57	344	S S W	23	...	Fine with passing clouds.
10	29.763	0.146	89.7	77.2	101.2	83.5	...	80.1	0.766	55	261	S S W	10	...	Fine.
11	29.750	0.108	89.4	76.6	100.9	81.1	...	80.3	0.745	54	236	S by E	13	...	Do.
12	29.778	0.084	90.5	77.5	98.4	82.5	...	77.7	0.769	53	205	South	43	...	Passing clouds : lg. S. W.
13	29.787	0.119	87.7	77.1	95.5	80.7	...	77.9	0.789	60	284	S W	60	...	Do. do.
14	29.769	0.107	87.7	77.6	95.1	81.6	...	78.1	0.813	61	213	South	20	...	Fine with passing clouds.
15	29.718	0.122	87.3	80.2	95.1	81.6	...	79.8	0.937	72	237	S S E	15	...	Fine.
16	29.757	0.043	87.6	77.5	94.2	81.9	...	79.1	0.810	62	230	S W by S	37	...	Fine with passing clouds.
17	29.793	0.091	87.9	78.7	96.4	80.8	...	77.7	0.859	65	183	S by W	15	...	Fine.
18	29.805	0.095	88.5	79.1	95.4	82.8	...	80.0	0.868	64	250	S S E	38	...	Hazy.
19	29.805	0.126	87.4	79.6	95.3	82.5	...	79.0	0.908	70	223	S S E	72	...	Do.
20	29.791	0.142	85.5	78.1	93.5	82.7	...	78.8	0.863	70	196	S by E	83	0.02	Cloudy.
21	29.762	0.121	86.3	78.8	93.7	80.2	...	76.2	0.885	70	131	S E	33	...	Passing clouds.
22	29.779	0.135	87.4	79.7	95.9	81.4	...	77.1	0.911	70	189	S S E	40	...	Do.
23	29.795	0.135	85.4	79.6	90.8	82.8	...	79.7	0.934	77	219	S by E	57	0.13	Passing clouds : th.
24	29.751	0.135	84.9	77.7	95.4	80.6	...	77.5	0.854	71	221	S by W	58	0.12	Passing clouds : lg. S. E.
25	29.684	0.165	87.0	79.1	99.4	78.8	...	76.4	0.888	69	260	S S W	67	...	Passing clouds.
26	29.660	0.105	89.4	78.6	99.1	81.7	...	78.6	0.833	60	213	S by W	43	...	Fine with passing clouds : lg. W.
27	29.669	0.126	87.0	78.2	103.3	82.4	...	79.4	0.847	66	263	S W by S	43	0.02	Light clouds.
28	29.676	0.128	88.5	80.2	103.4	79.7	...	76.6	0.921	68	318	S W by S	30	...	Do.
29	29.649	0.145	89.9	78.9	100.6	82.6	...	80.4	0.840	60	274	S S W	57	...	Hazy.
30	29.620	0.110	87.9	79.5	97.2	83.0	...	80.0	0.895	68	359	South	60	...	Do.
31	29.605	0.155	86.5	78.8	96.2	81.9	...	80.0	0.882	70	303	S by W	72	...	Do.
Mean	29.743	0.125	88.0	78.6	97.9	81.9	...	78.8	0.853	64	254	S by W	45	0.38	

Madras Meteorological Observations. 1865—June.

June 1865	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.591	0.119	86.9	79.1	94.1	80.8	...	77.9	0.890	69	218	S by E	33	...	Fine with passing clouds : lg. W.
2	29.647	0.091	86.7	78.9	94.8	82.1	...	79.5	0.884	69	208	S S E	57	0.05	Passing clouds.
3	29.665	0.117	87.5	80.6	94.4	82.1	...	79.7	0.952	73	204	S S E	57	...	Do.
4	29.711	0.107	87.9	80.0	97.8	82.0	...	79.8	0.918	69	253	S S E	37	...	Do.
5	29.692	0.136	89.1	79.2	102.3	82.3	...	79.4	0.865	63	213	South	43	...	Passing clouds: th. and lg. W & N W
6	29.709	0.129	88.8	79.0	102.7	81.9	...	78.1	0.860	63	166	S S W	33	...	Passing clouds : th. and lg. W.
7	29.747	0.091	87.9	78.5	99.9	82.5	...	79.2	0.850	64	188	S W by S	50	...	Light clouds : th. and lg. W and N W
8	29.755	0.118	87.5	76.7	99.7	81.1	...	77.1	0.774	59	207	S W by S	57	...	Hazy.
9	29.691	0.152	89.9	76.4	100.8	81.5	...	76.4	0.728	51	268	W by S	83	...	Cloudy.
10	29.692	0.135	91.0	77.6	102.0	84.1	...	80.2	0.766	52	255	West	90	0.06	Cloudy : th. and lg. S. and S. W.
11	29.764	0.102	89.2	78.8	102.4	83.8	...	76.8	0.845	62	220	SWby W	67	...	Cloudy : th. and lg. S. W.
12	29.784	0.127	89.6	78.6	101.2	82.1	...	76.9	0.830	60	270	SWby W	73	...	Cloudy.
13	29.726	0.146	88.8	77.6	101.8	83.8	...	78.3	0.797	59	256	SWby W	73	0.04	Cloudy : lg. S. W.
14	29.702	0.117	88.5	77.4	100.8	83.0	...	79.4	0.791	59	239	S W	73	0.04	Cloudy.
15	29.719	0.107	87.6	76.6	99.7	83.4	...	78.8	0.768	59	261	S W	83	0.14	Do.
16	29.732	0.151	88.4	78.4	97.0	80.6	...	78.3	0.838	62	252	S W	73	...	Do.
17	29.707	0.131	89.0	77.9	100.0	83.5	...	79.2	0.807	59	251	S W	83	...	Cloudy : lg.
18	29.698	0.144	90.4	77.2	101.9	83.7	...	80.2	0.756	53	288	S W by S	67	...	Passing clouds.
19	29.728	0.106	89.0	78.1	101.2	82.7	...	80.1	0.815	59	277	S S W	67	...	Do.
20	29.767	0.105	89.0	78.4	101.5	82.7	...	79.0	0.830	61	246	South	63	...	Do.
21	29.763	0.130	89.5	79.0	98.9	82.4	...	79.5	0.850	61	195	S S E	37	0.28	Passing clouds : lg. N. E.
22	29.762	0.095	88.7	78.5	101.8	82.5	...	76.9	0.838	62	223	S S W	57	...	Passing clouds : lg. S. and S. W.
23	29.745	0.120	89.2	78.0	100.0	80.8	...	78.8	0.809	59	251	South	37	...	Light clouds.
24	29.729	0.109	89.7	75.8	99.7	84.7	...	80.2	0.704	50	285	S W	67	...	Cloudy : th.
25	29.721	0.093	86.7	77.2	103.3	82.7	...	79.5	0.807	63	239	S W by S	60	0.52	Passing clouds : th. and lg. N. W.
26	29.746	0.123	85.7	77.0	98.9	80.4	...	75.5	0.811	65	233	S W	87	0.17	Cloudy : th. and lg.
27	29.698	0.152	88.6	75.5	99.2	81.5	...	77.7	0.708	53	274	W S W	77	0.02	Do.
28	29.680	0.137	86.5	75.2	92.4	83.4	...	78.4	0.723	57	186	West	93	0.03	Cloudy : lg. S. E.
29	29.626	0.144	87.9	74.7	98.7	80.9	...	76.5	0.683	52	288	W by S	90	...	Cloudy.
30	29.650	0.108	88.3	74.7	96.5	83.4	...	79.5	0.678	51	324	W by S	87	0.05	Do.
Mean	29.712	0.121	88.5	77.7	99.5	82.4	...	78.6	0.806	60	241	S W by S	65	1.46	

Madras Meteorological Observations. 1865—July.

July 1865	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hnm- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cent	Miles	Points	Cents	Inches	
1	29.659	0.143	89.9	74.9	99.7	80.0	...	76.9	0.664	47	332	W S W	60	...	Passing clouds : lg. S.
2	29.655	0.137	90.1	75.8	101.3	83.8	...	79.6	0.700	49	287	S W	60	0.03	Do.
3	29.708	0.117	88.6	75.1	96.5	81.9	...	78.4	0.690	51	229	S W by W	77	...	Cloudy.
4	29.705	0.128	88.1	74.6	97.6	82.6	...	80.0	0.676	51	304	S W by W	90	...	Do.
5	29.717	0.121	87.8	74.2	98.2	80.7	...	79.1	0.664	50	309	S W by W	90	...	Do.
6	29.751	0.098	88.3	75.6	97.0	81.1	...	77.5	0.715	54	259	S W by S	80	...	Do.
7	29.768	0.156	89.5	75.0	100.0	82.7	...	79.2	0.674	48	349	S W by W	73	...	Passing clouds.
8	29.767	0.117	84.1	75.7	98.7	76.1	...	...	0.776	66	203	S W	83	0.87	Cloudy : rain.
9	29.770	0.107	83.3	76.6	92.3	76.8	...	75.1	0.826	73	199	S W	100	...	Overcast.
10	29.790	0.086	83.8	75.5	92.8	78.7	...	74.5	0.772	67	187	S S W	97	0.03	Do.
11	29.767	0.140	83.9	76.3	98.0	78.4	...	74.4	0.806	69	206	S by W	77	0.45	Cloudy : th. : rain.
12	29.729	0.157	85.9	77.1	95.7	78.8	...	74.9	0.813	65	251	S S W	67	...	Passing clouds.
13	29.735	0.135	85.1	77.3	95.0	80.0	...	73.4	0.833	69	239	S W by S	83	...	Cloudy.
14	29.745	0.112	86.0	77.9	98.3	78.8	...	76.9	0.848	68	238	S S W	57	...	Passing clouds : lg. S.
15	29.745	0.129	86.9	78.0	100.0	79.3	...	78.2	0.839	65	222	S W by S	70	0.04	Do. do
16	29.742	0.119	89.2	78.7	99.5	80.6	...	73.8	0.840	61	229	S W by W	67	...	Passing clouds.
17	29.746	0.126	88.4	76.0	100.6	81.7	...	78.7	0.731	54	272	W S W	67	0.10	Do.
18	29.738	0.163	87.9	75.5	100.2	80.8	...	76.5	0.717	54	233	S W by W	60	0.02	Do.
19	29.698	0.141	85.9	76.1	99.0	81.3	...	77.5	0.770	61	244	S W by S	57	0.01	Do.
20	29.724	0.123	86.9	77.1	98.6	82.0	...	78.8	0.800	62	228	S S W	63	0.17	Passing clouds : th. and lg.
21	29.727	0.151	84.5	77.9	93.1	77.8	...	73.4	0.868	74	202	S by W	73	0.14	Cloudy : lg. S. W.
22	29.714	0.135	85.3	77.7	96.1	77.6	...	75.1	0.849	70	187	S W by S	43	...	Passing clouds.
23	29.761	0.100	85.3	77.9	93.2	78.2	...	76.0	0.858	70	126	S S W	47	0.01	Passing clouds : th.
24	29.790	0.095	84.4	78.1	96.3	79.7	...	77.1	0.878	74	172	S by E	47	0.15	Passing clouds : th. and lg. S. W.
25	29.823	0.117	85.3	77.2	95.3	78.1	...	76.1	0.826	68	225	N W by N	63	...	Passing clouds : lg. S. W.
26	29.795	0.096	85.5	77.4	94.0	77.6	...	75.1	0.832	68	156	S by E	30	...	Passing clouds : th.
27	29.791	0.138	86.0	77.7	92.4	80.7	...	77.3	0.838	67	142	S E by S	40	...	Passing clouds : lg. S. W.
28	29.818	0.125	86.0	77.6	94.1	80.1	...	77.1	0.834	67	165	S by E	27	...	Fine with passing clouds.
29	29.820	0.105	85.5	78.9	92.0	79.8	...	77.1	0.900	74	162	S E	33	...	Passing clouds.
30	29.781	0.125	85.3	78.2	91.7	79.3	...	75.7	0.871	72	189	S E	30	...	Fine with passing cls. : lg. W. & N. W.
31	29.759	0.117	86.5	78.1	92.4	81.6	...	77.4	0.849	67	229	S S E	33	...	Passing clouds : lg. S.
Mean	29.750	0.125	86.4	76.8	96.4	79.9	...	76.7	0.792	63	225	S W by S	63	2.02	

Madras Meteorological Observations. 1865—August.

August 1865	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
	Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles				Points	Cents	Inches
1	29.715	0.126	85.1	78.5	94.3	79.9	...	78.1	0.887	74	187	S by W	50	...	Passing clouds : th. and lg. S. & S. E.
2	29.751	0.085	82.3	76.6	87.6	79.0	...	76.5	0.840	76	70	South	73	...	Cloudy.
3	29.764	0.125	85.5	78.1	96.7	77.8	...	74.9	0.863	70	102	S by E	50	...	Passing clouds : lg. N. W.
4	29.788	0.119	84.3	76.9	93.4	78.5	...	76.2	0.826	70	88	South	60	...	Passing clouds : lg. W.
5	29.778	0.160	85.1	76.7	93.3	76.9	...	74.9	0.808	66	142	S WbyW	80	0.16	Passing clouds.
6	29.758	0.072	77.4	75.2	82.4	74.9	...	74.3	0.846	90	107	W S W	97	1.25	Overcast : rain : th.
7	29.733	0.078	81.0	77.0	88.4	76.9	...	75.0	0.875	83	92	S W by S	77	0.12	Cloudy.
8	29.743	0.132	81.6	77.0	89.1	76.6	...	75.8	0.867	81	110	S W by S	93	0.07	Do.
9	29.717	0.114	80.1	76.5	93.4	76.8	...	75.6	0.866	85	118	S WbyW	90	0.79	Cloudy : rain : lg. S. W.
10	29.684	0.116	82.3	77.1	91.8	76.6	...	74.5	0.862	78	129	S S W	87	0.34	Cloudy : th. and lg. S. E.
11	29.702	0.089	82.5	77.7	91.3	77.0	...	76.0	0.886	80	177	S WbyW	88	0.13	Cloudy.
12	29.747	0.110	81.6	77.0	91.2	76.7	...	75.3	0.867	81	165	S S W	82	0.52	Cloudy : rain : th. and lg. W.
13	29.786	0.097	81.4	75.8	89.3	76.1	...	74.2	0.818	77	214	SW byW	97	0.03	Overcast : th. and lg. N. W.
14	29.761	0.109	77.9	74.3	81.0	76.2	...	74.9	0.801	84	206	W S W	100	0.17	Overcast.
15	29.737	0.126	81.7	75.3	87.3	76.0	...	73.4	0.792	73	213	S W by S	100	0.07	Overcast : lg. N. W.
16	29.799	0.106	81.2	76.0	89.1	75.0	...	73.8	0.829	78	162	S W byW	100	0.60	Overcast with rain : lg. S. W.
17	29.837	0.132	82.1	76.5	92.2	76.4	...	73.7	0.839	77	168	S S W	77	0.47	Cloudy : rain : th. and lg. N. W.
18	29.827	0.123	80.5	75.3	83.4	76.8	...	74.0	0.808	77	171	S W by S	97	0.24	Overcast.
19	29.753	0.138	83.8	75.9	91.6	77.6	...	74.4	0.790	68	191	S W	80	0.10	Passing clouds.
20	29.740	0.112	83.9	75.3	91.0	79.5	...	76.9	0.763	65	216	W S W	83	...	Cloudy.
21	29.741	0.149	84.9	74.3	92.0	79.1	...	74.9	0.707	59	269	S WbyW	80	...	Do.
22	29.716	0.137	84.9	73.5	91.9	78.4	...	75.9	0.673	56	238	W S W	85	...	Do.
23	29.713	0.137	86.1	75.7	93.7	79.6	...	76.4	0.749	60	219	S W	77	...	Passing clouds.
24	29.732	0.127	87.0	76.5	95.1	81.6	...	78.4	0.772	60	259	S W	68	...	Do.
25	29.746	0.147	86.1	77.4	96.2	80.6	...	77.6	0.823	65	238	S W by S	55	...	Do.
26	29.735	0.120	85.1	77.0	96.4	79.9	...	76.9	0.820	68	250	S W	57	0.08	Do.
27	29.751	0.123	85.9	76.1	94.3	78.8	...	74.9	0.770	62	222	W S W	63	...	Passing clouds : lg. N. E.
28	29.756	0.125	87.3	75.1	95.6	81.8	...	77.5	0.708	55	203	W S W	67	...	Passing clouds.
29	29.798	0.146	87.8	76.5	97.8	81.2	...	77.0	0.760	58	239	S WbyW	67	0.10	Do.
30	29.795	0.165	83.6	75.4	94.2	77.4	...	75.4	0.771	66	202	S WbyW	83	1.80	Cloudy : rain : th. and lg. N. W.
31	29.755	0.154	84.5	76.9	93.6	75.8	...	74.2	0.824	70	141	S W by S	83	0.15	Cloudy.
Mean	29.753	0.123	83.4	76.2	91.6	77.9	...	75.5	0.810	71	178	S W	79	7.19	

Madras Meteorological Observations. 1855—September.

September 1865	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Reduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Glass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.811	0.117	84.9	77.9	94.1	78.8	...	75.4	0.863	72	180	S S W	63	...	Passing clouds.
2	29.831	0.099	84.6	78.1	91.5	78.6	...	74.7	0.875	74	155	South	37	...	Do.
3	29.797	0.155	85.0	76.8	94.7	80.7	...	74.6	0.812	67	204	S W by S	57	...	Do.
4	29.793	0.127	82.4	76.1	89.2	76.1	...	72.7	0.817	74	190	W N W	92	0.23	Overcast.
5	29.775	0.120	83.1	77.3	90.4	77.2	...	73.7	0.860	76	140	S S W	88	0.04	Cloudy.
6	29.779	0.132	83.8	76.4	92.8	77.1	...	73.6	0.811	69	143	S E by S	30	...	Fine with passing clouds.
7	29.803	0.126	84.6	77.2	92.6	78.3	...	75.2	0.835	70	149	S S E	37	...	Fine with passing clouds : lg. S. W.
8	29.769	0.153	84.8	75.3	92.3	78.4	...	73.8	0.750	62	194	S W by S	63	...	Passing clouds : lg. S.
9	29.730	0.145	84.0	74.9	92.3	77.9	...	73.8	0.741	64	221	S W	80	...	Cloudy : lg. S. W.
10	29.738	0.125	85.7	74.3	92.5	78.5	...	74.6	0.695	56	242	S W by W	73	...	Passing clouds.
11	29.757	0.147	86.2	75.1	93.6	79.9	...	76.6	0.723	58	239	West	60	...	Do.
12	29.749	0.133	86.9	74.3	95.6	79.5	...	73.7	0.680	53	233	SW by W	40	...	Do.
13	29.767	0.135	86.6	74.3	94.3	79.4	...	74.2	0.683	51	209	S W by S	53	...	Hazy.
14	29.762	0.132	84.8	76.1	95.1	78.8	...	74.8	0.784	65	215	S S E	57	...	Passing clouds.
15	29.774	0.120	85.5	76.4	93.5	79.7	...	76.7	0.788	64	176	S S E	67	...	Passing clouds : lg. S. W.
16	29.761	0.111	83.6	77.6	94.4	78.4	...	74.8	0.867	75	149	S by E	73	0.02	Cloudy : th.
17	29.758	0.116	82.9	72.8	88.0	79.3	...	74.8	0.672	60	147	SW by W	97	...	Overcast.
18	29.759	0.144	84.6	74.1	93.3	79.5	...	74.7	0.702	59	205	W N W	87	...	Cloudy.
19	29.770	0.150	84.7	74.3	94.8	77.2	...	74.1	0.709	59	196	N W	83	0.06	Do.
20	29.765	0.131	83.3	74.1	88.6	79.4	...	75.7	0.720	63	204	West	97	0.02	Overcast.
21	29.766	0.110	86.6	74.1	94.5	80.5	...	77.5	0.675	53	153	W N W	73	...	Passing clouds.
22	29.774	0.120	85.1	75.3	94.0	80.0	...	75.0	0.746	61	125	N N E	45	...	Fine with passing clouds.
23	29.808	0.118	85.1	77.4	95.4	77.5	...	73.4	0.837	69	134	S E by S	27	...	Do. do.
24	29.830	0.124	83.3	77.3	94.3	77.5	...	73.5	0.857	75	109	S S E	30	0.91	Fine with passing clouds : rain.
25	29.849	0.110	84.6	78.2	91.0	78.7	...	76.2	0.879	74	147	S S E	37	...	Fine with passing clouds : lg. S. E.
26	29.880	0.134	84.1	77.8	91.5	78.2	...	75.6	0.862	74	166	S S E	43	...	Passing clouds.
27	29.871	0.152	84.9	77.3	93.2	77.3	...	73.7	0.836	70	109	S E	43	...	Do.
28	29.842	0.140	85.5	75.5	94.4	79.0	...	74.7	0.749	61	114	E S E	17	...	Fine with passing clouds.
29	29.829	0.139	85.0	75.8	94.8	76.9	...	71.3	0.768	64	142	South	47	...	Passing clouds : lg. S. W.
30	29.838	0.119	84.9	76.0	94.7	75.7	...	70.7	0.778	64	120	South	47	...	Do. do.
Mean	29.791	0.129	84.7	75.9	93.0	78.5	...	74.5	0.779	65	170	S S W	58	1.28	

Madras Meteorological Observations. 1865—October.

October 1865	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sum	Grass							
			Dry	Wet	Max.	Min.	Max.	Min	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.862	0.145	84.4	75.9	94.5	76.2	...	71.1	0.781	66	137	S by E	40	0.21	Fine with passing clouds.
2	29.867	0.114	81.9	75.2	96.2	77.2	...	73.3	0.785	72	145	South	42	...	Passing clouds.
3	29.891	0.141	84.2	76.2	94.1	75.9	...	72.2	0.797	68	126	S S E	40	0.43	Passing clouds : rain.
4	29.890	0.109	80.2	74.1	96.0	73.2	...	72.1	0.762	74	137	N E by E	37	...	Fine with passing clouds.
5	29.864	0.139	83.3	76.3	92.5	76.0	...	72.6	0.813	71	123	S E by S	23	...	Do.
6	29.836	0.124	84.4	74.9	93.1	78.3	...	73.8	0.738	62	132	S E	42	...	Do.
7	29.862	0.132	83.4	78.1	95.4	77.5	...	73.8	0.892	78	128	S E	63	...	Hazy.
8	29.905	0.143	85.7	78.2	93.4	78.1	...	74.1	0.865	70	165	S S E	53	...	Passing clouds.
9	29.899	0.159	84.5	77.3	93.5	77.3	...	72.3	0.841	71	129	S S E	32	...	Do.
10	29.903	0.138	84.9	77.3	91.1	78.8	...	74.1	0.836	70	99	S E by E	30	...	Light clouds.
11	29.908	0.135	83.1	76.5	89.0	76.4	...	72.4	0.825	73	114	E by S	12	...	Fine.
12	29.912	0.122	83.5	76.0	89.6	76.0	...	71.7	0.798	69	109	E by S	8	...	Do.
13	29.913	0.123	82.7	75.8	89.4	76.1	...	71.7	0.799	71	105	East	12	...	Do.
14	29.931	0.127	83.1	75.8	89.7	75.6	...	71.4	0.794	70	159	E N E	15	...	Do.
15	29.933	0.148	83.5	75.5	89.2	76.6	...	72.2	0.776	68	135	E N E	23	...	Fine with passing clouds.
16	29.890	0.144	83.8	76.0	89.6	77.8	...	73.5	0.794	68	176	N E by E	30	...	Do.
17	29.881	0.119	83.9	74.8	89.4	77.4	...	73.5	0.742	64	213	N E	43	...	Passing clouds : lg.
18	29.902	0.113	83.1	74.3	88.9	77.0	...	73.1	0.731	64	213	N E by N	45	...	Hazy.
19	29.890	0.118	82.1	73.9	88.6	74.1	...	71.8	0.728	60	154	N E by E	73	...	Passing clouds.
20	29.887	0.126	82.1	74.2	86.9	77.4	...	71.9	0.740	67	224	N E	90	0.22	Cloudy : lg. N. and W.
21	29.876	0.110	78.9	75.9	83.5	76.1	...	73.0	0.855	87	112	N E by N	100	0.70	Overcast : lg. N.
22	29.875	0.114	82.1	77.1	86.6	76.7	...	75.0	0.865	79	122	N E	50	...	Passing clouds : lg. N.
23	29.864	0.135	82.3	77.2	87.1	77.2	...	73.9	0.867	79	101	E by N	60	0.09	Do.
24	29.867	0.112	82.7	77.3	87.4	78.5	...	74.8	0.865	77	104	E by S	63	0.01	Do.
25	29.866	0.110	83.0	77.2	87.2	77.9	...	75.2	0.857	76	123	East	47	0.05	Passing clouds : lg. N. and S. W.
26	29.888	0.145	79.8	76.1	85.4	74.9	...	70.0	0.852	84	76	N N E	73	0.96	Passing clouds : rain.
27	29.878	0.135	81.1	76.2	87.1	75.7	...	72.8	0.838	78	102	N E by E	40	...	Fine with passing clouds.
28	29.900	0.113	79.8	72.8	85.6	73.9	...	70.0	0.714	70	117	N E by E	37	...	Do.
29	29.882	0.131	80.9	74.2	86.9	74.8	...	71.9	0.757	72	153	N E	60	0.13	Passing clouds : N. E.
30	29.861	0.124	78.8	74.9	83.7	72.9	...	71.8	0.813	82	201	North	80	2.56	Cloudy : rain.
31	29.867	0.135	77.7	74.4	84.6	73.8	...	71.2	0.808	85	59	N N E	100	0.46	Overcast with rain.
Mean	29.885	0.129	82.4	75.8	89.5	76.3	...	72.7	0.804	73	136	East	47	5.82	

Madras Meteorological Observations. 1865—November.

November 1865	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city.	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.851	0.135	81.5	76.1	87.6	75.1	...	71.2	0.829	77	90	E by N	73	...	Cloudy.
2	29.832	0.135	79.1	75.1	88.6	74.9	...	74.0	0.819	82	106	South	73	1.46	Passing clouds : rain : th. and lg. W.
3	29.878	0.128	79.6	75.9	85.6	74.3	...	73.8	0.847	84	88	W by N	87	0.11	Cloudy.
4	29.905	0.141	78.4	74.9	86.6	73.7	...	72.9	0.819	84	95	N by E	50	0.80	Passing clouds : rain.
5	29.908	0.110	80.1	75.2	85.1	74.7	...	71.9	0.809	78	140	N N E	43	...	Passing clouds : lg. S. W.
6	29.914	0.102	78.8	74.8	85.1	74.7	...	72.5	0.810	82	165	N by E	87	0.33	Cloudy.
7	29.920	0.108	78.8	76.2	83.7	75.3	...	73.1	0.870	89	161	N by W	98	0.31	Overcast : th. and lg. N. W.
8	29.892	0.116	78.4	71.0	84.2	74.9	...	74.6	0.660	68	163	North	50	...	Passing clouds.
9	29.896	0.107	75.6	67.9	83.8	69.5	...	65.0	0.581	65	121	N by W	15	...	Fine.
10	29.882	0.118	74.2	65.8	83.3	66.6	...	64.6	0.523	61	113	N N W	13	...	Do.
11	29.905	0.122	74.7	67.5	85.1	66.5	...	60.1	0.579	67	97	N by W	13	...	Do.
12	29.890	0.116	75.7	68.5	86.3	67.6	...	66.3	0.602	68	113	N by E	20	...	Do.
13	29.898	0.117	75.2	68.0	85.3	68.5	...	61.4	0.590	67	133	N by E	33	...	Hazy.
14	29.941	0.135	74.9	66.2	84.9	67.2	...	60.2	0.528	69	102	N N E	20	...	Fine.
15	29.966	0.120	76.1	68.0	85.1	66.6	...	59.4	0.578	64	124	N N E	7	...	Do.
16	29.979	0.113	77.7	72.4	85.1	69.6	...	67.2	0.727	76	101	N E	3	...	Clear.
17	29.995	0.112	79.6	75.2	85.9	72.8	...	68.5	0.816	80	150	N E by E	32	...	Fine with passing clouds.
18	30.011	0.097	80.2	75.0	85.1	75.6	...	70.6	0.799	77	187	N E	70	0.03	Passing clouds : lg. E. and N. E.
19	30.045	0.125	76.4	74.1	79.9	74.0	...	71.4	0.813	89	141	N E by N	93	0.67	Cloudy : rain : lg. N. E.
20	29.984	0.146	77.5	74.0	82.9	73.1	...	70.5	0.794	84	178	N by E	77	0.88	Cloudy : rain.
21	29.924	0.123	78.1	74.4	83.7	73.2	...	72.3	0.802	83	191	N E by N	80	0.75	Do. do.
22	29.931	0.092	79.0	74.0	83.2	75.0	...	72.1	0.774	78	192	N E	60	...	Passing clouds.
23	29.953	0.105	79.2	74.0	83.8	73.5	...	71.1	0.771	77	284	N by E	73	...	Do.
24	29.877	0.134	78.2	73.4	82.1	73.4	...	70.9	0.760	79	376	North	93	0.11	Cloudy : lg. N. W.
25	29.759	0.123	73.8	72.4	76.9	72.0	...	70.5	0.778	93	464	North	100	4.73	Overcast with heavy rain.
26	29.641	0.153	74.6	72.6	79.6	69.1	...	67.9	0.775	90	700	N N E	100	4.36	Do.
27	29.886	0.080	73.7	72.4	78.1	72.1	...	70.7	0.780	94	268	S by E	78	3.16	Cloudy : rain.
28	29.951	0.096	75.9	74.0	82.1	70.8	...	66.7	0.815	91	68	S S E	33	...	Passing clouds.
29	29.976	0.110	77.1	74.7	82.5	73.0	...	68.5	0.828	89	86	N E by E	50	...	Do.
30	29.949	0.123	77.6	74.8	82.7	74.6	...	71.4	0.825	87	104	N E by E	67	0.06	Do.
Mean	29.911	0.118	77.3	72.6	83.8	72.1	...	69.0	0.743	79	177	N E by N	56	17.76	

Madras Meteorological Observations. 1865—December.

December 1865	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.934	0.126	77.7	74.2	82.1	74.7	...	71.1	0.800	84	128	N E by N	60	0.11	Passing clouds.
2	29.945	0.106	76.3	71.4	81.5	72.1	...	70.0	0.704	77	155	N E by N	57	...	Do.
3	29.937	0.129	76.2	72.5	81.4	71.8	...	67.1	0.750	83	200	North	83	...	Cloudy.
4	29.830	0.123	75.2	73.7	76.8	73.2	...	72.2	0.813	93	399	N E by N	100	3.14	Overcast with rain.
5	29.954	0.083	77.0	74.6	81.8	73.7	...	72.1	0.826	89	137	East	83	1.33	Do. do.
6	30.002	0.094	76.1	74.2	82.6	74.2	...	71.5	0.821	91	142	NE by E	77	0.92	Passing clouds: rain.
7	30.003	0.106	77.7	72.1	81.0	73.9	...	70.5	0.714	75	178	N E by N	53	0.07	Passing clouds.
8	29.988	0.113	75.8	72.2	81.9	71.1	...	66.6	0.743	84	126	N E by N	43	...	Do.
9	29.995	0.119	76.8	73.3	82.5	73.1	...	68.9	0.774	84	141	NE by E	37	...	Do.
10	30.028	0.104	76.4	71.9	81.3	71.4	...	67.2	0.723	79	77	E N E	47	...	Do.
11	30.012	0.118	76.8	72.2	82.0	72.0	...	67.7	0.730	79	143	N E	23	...	Fine with passing clouds.
12	30.011	0.128	77.0	72.5	81.8	71.7	...	67.1	0.740	80	186	N E by N	47	...	Passing clouds.
13	30.000	0.116	75.9	69.4	81.8	70.6	...	64.5	0.633	71	151	NE by E	30	...	Fine with passing clouds.
14	30.029	0.109	75.9	67.9	80.8	70.6	...	63.0	0.577	64	204	N E by E	23	...	Do. do.
15	30.052	0.116	76.4	67.3	80.2	73.1	...	66.7	0.548	60	210	N E	22	...	Fine.
16	30.020	0.128	75.8	68.1	81.1	69.7	...	61.4	0.585	65	216	N E	20	...	Do.
17	29.995	0.119	76.6	67.7	81.1	71.2	...	62.7	0.559	61	197	N E	13	...	Do.
18	29.991	0.102	76.6	68.8	81.6	71.9	...	64.9	0.601	66	231	N E by N	25	...	Do.
19	30.002	0.095	76.9	67.2	80.7	74.2	...	66.3	0.538	58	262	N E by N	32	...	Fine with passing clouds.
20	30.028	0.083	76.8	69.1	81.2	70.9	...	69.5	0.610	66	259	N E by N	60	...	Passing clouds.
21	30.070	0.110	77.9	69.7	81.4	75.4	...	69.6	0.617	64	291	N E by N	47	...	Do.
22	30.079	0.104	78.0	68.5	81.1	75.9	...	70.4	0.571	60	295	N E by N	43	...	Do.
23	30.051	0.120	76.3	68.9	81.4	69.2	...	61.7	0.608	67	232	N E by N	30	...	Do.
24	30.028	0.096	77.5	69.5	81.0	75.3	...	69.9	0.615	65	272	N E by N	40	...	Do.
25	30.025	0.112	76.2	68.8	81.7	70.1	...	68.0	0.605	67	203	N N E	27	...	Fine with passing clouds.
26	29.984	0.126	76.1	69.5	80.7	71.3	...	65.7	0.634	71	177	N N E	73	...	Cloudy.
27	29.953	0.112	74.3	69.4	81.4	69.9	...	63.9	0.654	76	138	N N E	40	...	Passing clouds.
28	29.946	0.085	73.4	68.4	80.5	68.5	...	61.6	0.629	76	136	N N E	60	...	Do.
29	29.973	0.120	73.5	68.5	79.7	68.0	...	64.5	0.631	76	153	N N E	50	...	Do.
30	30.002	0.121	75.2	70.0	80.4	68.9	...	62.5	0.665	76	183	N N E	50	...	Do.
31	29.997	0.111	77.3	69.8	81.3	74.2	...	68.4	0.629	67	258	N N E	38	...	Fine with passing clouds.
Mean	29.996	0.111	76.3	70.4	81.2	72.0	...	67.0	0.666	73	195	N E by N	46	5.57	

Madras Mean Monthly and Annual Meteorological Results in 1865.

	Barometer		Dry Bulb Thermometer				Wet Bulb		Tension of Vapour	Relative Humidity		Maximum Sun	Minimum on Grass	Wind		Rain		Clear Sky	
	Reduced to 32°	Daily Range	Mean	Max.	Min.	Range	Mean	Min.		Daily Velocity	Mean Direction			Amount	Days				
Inches	Inches	°	°	°	°	°	°	°	Inches	Cents		°	°	Miles	Points	Points	Inches	No.	Cents
January	30.053	0.112	73.8	79.9	67.5	12.4	67.8	64.9	0.604	73	...	...	60.4	168	4	N E	0.20	1	68
February	29.984	0.124	77.3	83.9	70.8	13.1	71.6	68.1	0.698	74	...	...	64.2	139	10	E S E	...	...	73
March	29.937	0.124	80.1	87.0	72.8	14.2	73.6	70.1	0.742	72	...	...	67.4	150	10	E S E	...	...	72
April	29.849	0.136	85.3	92.7	78.7	14.0	78.2	75.3	0.871	72	...	...	74.9	188	13	S E by S	0.02	1	61
May	29.743	0.125	88.0	97.9	81.9	16.0	78.6	75.6	0.853	64	...	...	78.8	254	17	S by W	0.38	6	53
June	29.712	0.121	88.5	99.5	82.4	17.1	77.7	74.9	0.806	60	...	...	78.6	241	19	S W by S	1.40	11	35
July	29.750	0.125	86.4	96.4	79.9	16.5	76.8	73.7	0.792	63	...	...	76.7	225	19	S W by S	2.02	12	37
August	29.753	0.123	83.4	91.6	77.9	13.7	76.2	73.4	0.810	71	...	...	75.5	178	20	S W	7.19	19	21
September	29.791	0.129	84.7	93.0	78.5	14.5	75.9	72.7	0.779	65	...	...	74.5	170	18	S S W	1.28	6	42
October	29.885	0.129	82.4	89.5	76.3	13.2	75.8	72.9	0.804	73	...	...	72.7	136	8	East	5.82	11	53
November	29.911	0.118	77.3	83.8	72.1	11.7	72.6	69.8	0.743	79	...	...	69.0	177	3	N E by N	17.76	14	44
December	29.996	0.111	76.3	81.2	72.0	9.2	70.4	68.1	0.666	73	...	...	67.0	195	3	N E by N	5.57	5	54
Annual	29.865	0.123	82.0	89.7	75.9	13.8	74.6	71.6	0.764	70	...	...	71.6	177	12	S E	41.64	86	51

Madras Extreme Monthly Meteorological Records in 1865.

	Barometer				Dry Bulb Thermometer				Wet Bulb		Humidity		Sun Thermometer		Grass Thermometer		Wind				Rain			
	Highest		Lowest		Range		Lowest		Highest		Lowest		Lowest		Highest		Lowest		Highest		Lowest		Greatest Fall	
	Inches	Day	Inches	Day	Inches	Day	°	Day	°	Day	°	Day	Cents	Day	°	Day	Miles	Day	Miles	Day	Inches	Day		
January ...	30.167	18	29.907	31	0.260		82.1	31	63.3	28	61.5	28	56	4	...	...	256	17	72	28	0.20	5
February ...	30.134	16	29.799	11	0.335		86.4	26	67.4	24	64.9	24	55	21	...	...	203	15	80	20	...	...
March	30.085	17	29.805	8	0.280		90.2	30	68.6	5	66.4	5	58	29	...	...	243	9	87	24	...	...
April	30.027	1	29.567	30	0.460		96.3	30	74.4	12	71.9	12	44	18	...	...	256	30	110	13	0.02	20
May	29.865	7	29.517	31	0.348		103.4	5	78.8	25	72.5	5	35	11	...	...	359	30	131	21	0.13	23
June	29.848	12	29.524	1	0.324		103.3	25	80.4	26	71.6	30	35	9	...	...	324	30	166	6	0.52	25
July	29.881	25	29.576	1	0.305		101.3	2	76.1	8	72.0	7	33	17	...	...	349	7	126	23	0.87	8
August ...	29.895	18	29.613	10	0.282		97.8	29	74.9	6	70.6	22	42	29	...	...	269	21	70	2	1.80	30
September.	29.941	27	29.650	9	0.291		95.6	12	75.7	30	70.6	17	37	12	...	...	242	10	109	27	0.91	24
October ...	29.998	15	29.772	6	0.226		96.2	2	72.9	30	69.2	6	45	4	...	...	243	18	59	31	2.56	30
November.	30.108	19	29.589	26	0.519		88.6	2	66.5	11	62.8	15	39	14	...	...	700	26	68	28	4.73	25
December..	30.132	22	29.767	4	0.365		82.6	6	68.0	29	64.2	15	51	17	...	...	399	4	77	10	3.14	4

Madras Meteorological Observations. 1866—January.

January 1866	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	30.016	0.115	76.9	70.0	82.1	72.6	130.2	65.0	0.642	69	250	NE by E	28	...	Fine with passing clouds.
2	30.003	0.127	76.7	69.5	81.8	72.0	132.0	65.0	0.626	68	246	E N E	27	...	Light clouds.
3	30.014	0.105	76.2	69.1	81.8	73.4	130.5	67.9	0.618	69	156	E by N	37	...	Passing clouds.
4	29.995	0.107	74.1	67.8	80.8	67.7	131.5	59.6	0.596	71	110	NE by E	33	...	Do.
5	29.943	0.137	74.5	68.5	80.7	67.6	126.5	60.0	0.618	72	101	E N E	40	...	Fine with passing clouds.
6	29.919	0.128	74.5	68.6	81.6	67.7	132.6	59.8	0.621	72	98	East	13	...	Fine.
7	29.974	0.098	74.4	69.2	80.7	67.8	131.0	60.4	0.645	75	98	E by N	23	...	Fine with passing clouds.
8	30.037	0.122	75.9	70.1	81.2	68.8	130.8	61.5	0.660	74	154	E N E	33	...	Do.
9	30.060	0.133	76.2	69.3	80.6	68.9	126.8	61.6	0.625	69	199	E N E	27	...	Do.
10	30.070	0.097	75.8	67.9	81.7	71.1	131.2	63.6	0.678	64	216	NE by E	40	...	Do.
11	30.060	0.100	74.3	65.7	80.6	67.2	125.8	59.7	0.519	61	161	NE by E	27	...	Do.
12	30.047	0.126	73.9	65.7	79.6	66.9	125.7	58.2	0.524	62	109	NE by E	27	...	Do.
13	30.032	0.137	75.1	66.5	79.9	70.0	129.9	62.7	0.537	62	130	NE by E	40	...	Do.
14	30.046	0.106	75.2	67.7	82.1	70.0	126.7	63.2	0.579	66	157	N E	28	...	Do.
15	30.072	0.118	75.9	70.4	81.4	69.4	130.7	63.9	0.671	75	175	N E	10	...	Fine.
16	30.040	0.113	73.9	69.0	79.9	69.9	125.3	65.2	0.644	76	147	N E	12	...	Do.
17	30.032	0.116	73.2	67.3	81.4	66.1	127.2	60.0	0.591	72	66	E N E	3	...	Clear.
18	30.029	0.131	72.5	67.0	81.2	64.9	127.0	56.8	0.589	74	65	E S E	3	...	Do.
19	30.035	0.125	73.1	68.1	82.1	66.0	126.9	59.6	0.621	76	74	SE by S	2	...	Do.
20	30.053	0.125	73.4	68.3	81.9	65.7	128.0	58.6	0.625	76	87	S S E	17	...	Fine.
21	30.081	0.118	73.2	68.1	81.5	65.2	126.2	58.6	0.620	76	86	S E by E	7	...	Do.
22	30.083	0.130	74.3	68.4	81.1	66.5	132.0	53.8	0.616	72	96	East	12	...	Do.
23	30.079	0.123	74.7	69.4	81.5	67.7	129.0	60.3	0.649	75	112	E by N	22	...	Fine with passing clouds.
24	30.100	0.131	75.1	68.4	82.4	69.7	130.0	61.9	0.606	69	146	E N E	12	...	Fine.
25	30.072	0.147	74.2	68.0	81.0	67.4	127.0	59.3	0.603	71	137	E N E	2	...	Clear.
26	30.079	0.133	73.9	67.5	80.9	65.7	126.6	57.4	0.589	70	119	E N E	0	...	Do.
27	30.043	0.143	74.7	69.1	81.5	66.8	130.2	59.1	0.638	74	127	E by N	2	...	Do.
28	30.020	0.141	74.7	67.8	81.0	67.4	126.4	61.5	0.588	68	118	East	10	...	Fine.
29	29.989	0.151	74.3	69.0	82.4	66.6	130.6	59.4	0.639	75	91	E by S	10	...	Do.
30	29.925	0.146	74.9	69.5	82.8	66.4	127.0	59.0	0.650	75	113	SE by S	8	...	Do.
31	29.921	0.126	77.0	72.5	83.9	69.5	138.0	64.1	0.740	80	163	SE by S	18	...	Fine with passing clouds.
Mean	30.028	0.124	74.7	68.5	81.4	68.1	129.0	61.0	0.618	71	132	E by N	18	Nil.	

Madras Meteorological Observations. 1866—March.

March 1866	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.915	0.123	76.9	70.9	86.6	69.3	130.8	63.1	0.677	73	121	SE by S	7	...	Fine.
2	29.925	0.111	75.9	69.2	85.8	66.5	131.2	59.3	0.624	70	120	SE by S	10	...	Do.
3	29.931	0.112	77.2	70.4	86.5	66.4	130.0	59.6	0.653	70	140	S S E	5	...	Clear.
4	29.877	0.134	78.8	73.3	88.6	70.7	135.0	66.1	0.747	76	137	S by E	23	...	Fine.
5	29.904	0.121	78.9	72.9	86.9	72.5	132.0	67.4	0.730	74	156	S S E	20	...	Do.
6	29.928	0.125	77.5	71.0	86.9	68.8	130.2	61.4	0.673	71	135	S by E	3	...	Clear.
7	29.919	0.131	78.9	72.1	87.1	69.0	132.0	62.9	0.698	71	157	S S E	2	...	Do.
8	29.923	0.116	80.4	74.0	87.6	71.9	134.0	66.9	0.754	72	169	S E by S	8	...	Fine.
9	29.913	0.142	81.2	75.3	88.5	72.9	132.0	67.6	0.800	74	172	S S E	10	...	Do.
10	29.885	0.152	80.9	74.2	88.7	73.8	136.2	68.2	0.757	72	157	SE by S	35	...	Fine with passing clouds.
11	29.920	0.114	78.8	72.5	87.3	69.8	131.0	64.5	0.715	73	164	SE by S	13	...	Fine.
12	30.040	0.103	80.3	73.7	88.2	72.9	131.2	67.4	0.744	72	150	SE by S	35	...	Fine with passing clouds.
13	30.015	0.157	79.6	72.9	88.9	71.7	134.0	65.7	0.720	71	104	SE by S	5	...	Fine.
14	29.939	0.159	78.6	72.1	88.6	70.0	133.1	63.6	0.702	72	109	SE by S	15	...	Do.
15	29.929	0.139	79.5	72.2	89.7	69.5	133.3	63.7	0.692	69	128	S S E	43	...	Hazy.
16	29.947	0.134	80.6	75.2	88.6	72.4	129.1	67.9	0.802	76	199	S S E	27	...	Do.
17	29.908	0.180	81.3	76.3	90.4	73.4	133.2	69.4	0.840	78	186	S by E	35	...	Do.
18	29.883	0.149	82.5	77.1	89.2	75.7	133.1	70.7	0.859	77	205	S by E	43	...	Do.
19	29.872	0.136	81.6	75.7	88.7	74.5	131.0	70.6	0.811	75	137	S S E	20	...	Fine.
20	29.876	0.135	81.5	75.8	90.5	74.2	132.4	70.1	0.817	76	150	S by E	15	...	Do.
21	29.887	0.121	81.6	75.7	88.4	74.4	139.4	69.5	0.811	75	179	S S E	5	...	Clear.
22	29.803	0.170	82.6	76.3	92.2	74.4	135.4	70.7	0.823	74	210	S by E	5	...	Do.
23	29.795	0.149	83.9	77.5	92.6	78.6	134.8	75.8	0.858	74	252	S by E	18	...	Light haze.
24	29.846	0.107	83.3	76.8	90.7	76.6	133.3	72.1	0.835	73	248	S S E	12	...	Fine.
25	29.877	0.149	82.5	76.3	90.8	74.2	134.0	69.7	0.824	74	230	S by E	7	...	Do.
26	29.836	0.166	83.0	76.4	90.9	75.1	134.0	70.5	0.822	73	219	S S E	18	...	Light haze.
27	29.780	0.140	83.7	76.6	94.2	75.7	137.7	72.6	0.821	72	238	South	2	...	Clear.
28	29.818	0.121	83.5	78.2	90.7	76.5	132.3	72.2	0.895	78	254	S S E	13	...	Fine.
29	29.883	0.103	83.3	77.4	90.2	78.6	135.0	75.5	0.861	75	255	S E by S	37	...	Passing clouds.
30	29.892	0.123	82.6	75.7	89.2	76.1	134.1	73.3	0.796	71	163	SE by E	10	...	Fine.
31	29.851	0.145	82.7	77.3	89.2	75.6	135.1	71.6	0.865	77	188	S E	10	...	Do.
Mean	29.894	0.134	80.8	74.5	89.1	73.0	133.2	68.1	0.775	73	175	S S E	16	Nil.	

Madras Meteorological Observations. 1866—April.

April 1866	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.850	0.135	83.6	77.7	89.6	76.0	140.0	72.3	0.871	75	214	S E	30	...	Fine with passing clouds.
2	29.842	0.143	84.5	78.0	91.0	78.0	137.8	73.0	0.872	74	205	S E	30	...	Do. do.
3	29.802	0.140	85.2	78.4	91.4	79.7	140.5	75.8	0.881	73	220	S E	37	...	Passing clouds.
4	29.820	0.105	84.8	77.5	91.0	79.3	137.8	74.7	0.848	71	169	S E	30	...	Fine with passing clouds.
5	29.845	0.093	84.8	77.8	91.3	79.8	137.7	73.8	0.860	72	172	S E	47	...	Passing clouds.
6	29.828	0.158	83.2	76.9	90.4	76.1	136.6	70.9	0.841	74	158	S E by S	2	...	Clear.
7	29.766	0.173	84.1	77.6	94.2	76.5	136.5	70.8	0.860	74	208	S S E	0	...	Do.
8	29.767	0.153	85.7	77.0	93.5	78.0	138.1	72.7	0.811	65	229	S S E	23	...	Fine with passing clouds.
9	29.801	0.143	86.4	78.6	93.8	80.8	137.4	77.5	0.874	69	253	S S E	30	...	Do.
10	29.788	0.147	86.5	78.9	95.6	79.8	139.8	76.3	0.888	70	268	S by E	13	...	Fine.
11	29.755	0.147	86.1	77.3	97.6	78.3	139.8	72.6	0.819	65	267	S by E	27	...	Hazy.
12	29.744	0.119	87.0	79.0	94.6	80.6	138.5	77.0	0.884	69	252	S by E	10	...	Fine.
13	29.820	0.127	86.9	79.3	95.3	81.2	136.6	77.6	0.900	70	266	S S E	7	...	Do.
14	29.834	0.178	85.8	78.6	94.4	79.1	137.3	74.9	0.882	71	238	S S E	3	...	Clear.
15	29.804	0.148	85.3	78.9	93.1	78.7	136.1	74.8	0.902	74	257	S S E	3	...	Do.
16	29.801	0.131	86.0	78.4	95.4	79.9	136.8	75.6	0.871	70	276	S S E	7	...	Fine.
17	29.847	0.128	85.4	77.5	93.9	78.8	140.0	74.0	0.838	68	238	S S E	7	...	Do.
18	29.859	0.147	84.3	77.7	91.9	77.2	135.5	72.2	0.862	74	226	S E by S	10	...	Do.
19	29.845	0.156	86.0	78.9	93.7	79.7	137.2	77.2	0.894	72	245	S S E	13	...	Do.
20	29.860	0.142	86.8	79.3	94.3	82.0	135.0	79.7	0.901	70	268	S S E	20	...	Fine with passing clouds.
21	29.893	0.120	86.4	79.4	93.6	80.9	138.0	77.5	0.911	72	236	S E by S	17	...	Do.
22	29.928	0.124	86.3	79.7	92.7	79.7	137.0	76.1	0.927	74	188	S E	20	...	Do.
23	29.928	0.140	86.4	79.7	93.7	81.1	141.0	77.1	0.925	73	153	S E	20	...	Do.
24	29.918	0.153	86.4	78.6	93.4	81.6	141.2	77.1	0.874	69	185	S S E	43	...	Passing clouds.
25	29.871	0.140	86.2	78.9	93.7	80.2	140.4	76.3	0.891	71	201	S E by S	53	...	Passing clouds: th. S. W.
26	29.861	0.145	86.5	79.1	93.1	81.0	138.0	77.5	0.895	70	224	S S E	37	...	Do.
27	29.883	0.138	86.1	79.1	93.5	79.6	138.6	74.8	0.901	72	194	S S E	20	...	Fine with passing clouds.
28	29.874	0.139	85.7	78.7	93.0	79.3	137.6	74.7	0.888	72	193	S S E	10	...	Fine.
29	29.854	0.142	85.4	78.8	92.6	77.0	138.0	74.4	0.897	74	206	S S E	15	...	Do.
30	29.831	0.112	85.9	78.5	93.1	79.0	140.0	73.5	0.876	70	173	S E by S	30	...	Light clouds.
Mean	29.837	0.139	85.7	78.5	93.3	79.3	138.2	75.1	0.878	71	219	S E by S	20	Nil.	

Madras Meteorological Observations. 1866—May.

May 1866	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.828	0.148	85.4	79.4	91.9	81.7	138.8	77.6	0.924	76	106	SE by S	60	0.08	Cloudy : th.
2	29.800	0.155	86.2	78.7	93.6	79.1	134.2	74.9	0.881	70	135	S E	20	...	Fine with light clouds.
3	29.772	0.149	85.8	78.0	93.1	80.6	144.8	74.8	0.855	69	87	S E	37	...	Passing clouds : th.
4	29.712	0.148	87.4	79.6	98.1	79.8	142.3	74.5	0.907	70	218	S S E	12	...	Fine.
5	29.673	0.144	90.6	79.4	104.7	83.9	143.9	79.6	0.854	59	247	S by W	20	...	Hazy.
6	29.658	0.120	91.4	79.4	104.1	84.5	147.0	80.2	0.843	57	305	S by W	17	...	Fine.
7	29.656	0.126	91.8	76.7	108.1	79.7	150.6	79.5	0.716	48	232	S W	7	...	Do.
8	29.675	0.112	91.6	76.6	104.3	82.7	146.8	79.3	0.714	48	204	S by E	8	...	Do.
9	29.705	0.121	90.8	79.3	104.2	83.4	147.5	81.5	0.850	58	230	South	3	...	Clear.
10	29.718	0.131	88.5	80.3	97.5	81.6	141.0	76.5	0.925	68	277	S S E	15	...	Fine.
11	29.706	0.156	88.7	79.5	97.9	83.9	141.2	78.1	0.884	66	304	South	22	...	Fine with light clouds.
12	29.673	0.123	88.5	79.7	97.0	81.2	138.0	77.0	0.896	67	277	S by E	15	...	Fine.
13	29.708	0.103	88.3	80.5	96.6	82.5	140.9	79.3	0.937	70	317	S by E	5	...	Clear.
14	29.723	0.130	88.3	79.6	98.3	81.6	140.5	77.6	0.894	67	288	South	3	...	Do.
15	29.725	0.135	88.3	80.1	94.6	82.0	138.1	78.8	0.917	68	340	South	10	...	Fine : lg.
16	29.712	0.144	90.0	79.5	107.0	82.5	149.4	79.2	0.867	62	306	S by W	13	...	Fine : lg. W.
17	29.697	0.127	89.8	79.1	101.2	83.0	145.5	79.1	0.850	61	323	S by E	12	...	Fine.
18	29.728	0.120	89.8	77.8	100.0	83.4	144.2	79.4	0.792	56	266	South	40	...	Hazy : lg. W.
19	29.709	0.139	91.3	77.7	106.8	83.2	155.0	78.5	0.767	52	257	S by W	35	...	Hazy.
20	29.718	0.112	90.8	78.1	101.2	83.8	144.8	79.5	0.791	55	249	South	13	...	Fine.
21	29.725	0.123	88.4	81.2	94.5	83.6	138.8	80.4	0.969	72	290	S by E	18	...	Do.
22	29.709	0.141	88.5	79.9	97.0	81.9	141.9	78.0	0.906	68	227	S S E	20	...	Do.
23	29.676	0.106	83.7	80.3	96.9	82.5	141.0	78.6	0.921	67	208	South	7	...	Clear.
24	29.671	0.129	89.4	80.6	103.1	82.9	145.1	78.4	0.926	68	273	South	13	...	Fine.
25	29.685	0.128	88.7	80.0	96.0	82.3	140.0	77.9	0.907	67	266	S by E	10	...	Do.
26	29.732	0.106	87.9	81.3	95.2	82.4	144.0	78.8	0.981	74	259	SE by S	20	...	Fine with passing clouds.
27	29.722	0.140	88.5	81.1	96.0	82.0	140.6	78.6	0.963	71	231	S S E	13	...	Fine.
28	29.675	0.156	93.7	76.8	110.6	80.8	151.3	74.7	0.694	44	181	SW by S	13	...	Do.
29	29.662	0.117	93.4	78.1	106.7	84.8	153.0	79.9	0.756	48	217	South	40	...	Hazy.
30	29.665	0.105	92.6	79.9	106.4	86.7	149.2	81.6	0.850	56	301	S S W	70	...	Hazy : lg. S. W.
31	29.653	0.088	92.0	78.3	106.9	85.5	148.0	81.9	0.785	52	316	S S W	67	...	Hazy
Mean	29.706	0.128	89.5	79.2	100.3	82.6	144.1	78.5	0.862	62	250	South	21	0.08	

Madras Meteorological Observations. 1866—June.

June 1866	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.693	0.070	90.4	77.3	106.0	84.2	147.8	79.7	0.761	53	257	S by W	83	...	Hazy.
2	29.699	0.086	92.0	78.7	105.8	82.6	149.5	78.1	0.802	53	220	S by E	52	...	Do.
3	29.727	0.101	91.7	78.2	109.0	83.7	152.7	79.7	0.784	52	282	S by W	47	...	Do.
4	29.727	0.108	92.7	77.6	108.0	85.1	150.2	79.5	0.744	49	257	South	50	...	Do.
5	29.724	0.129	92.2	77.1	107.0	85.0	151.5	80.8	0.728	48	285	South	20	...	Fine with light clouds: th.
6	29.671	0.126	91.4	77.6	105.2	83.8	151.2	78.2	0.761	50	257	South	37	...	Hazy.
7	29.661	0.100	91.1	77.7	104.3	83.7	146.8	78.9	0.769	52	274	S by E	17	...	Fine.
8	29.705	0.093	90.4	78.2	104.9	83.8	148.0	80.7	0.801	56	289	S by E	13	...	Fine: lg. W.
9	29.732	0.109	90.0	78.5	103.9	83.5	148.0	78.8	0.821	58	236	South	47	...	Passing clouds: th.: lg. W.
10	29.703	0.129	90.1	77.6	101.9	81.3	144.7	77.6	0.779	55	226	South	23	...	Fine with p. cl.: lg. W. & N. W.
11	29.764	0.099	89.3	76.1	104.8	83.9	149.0	79.7	0.723	52	251	SW by W	57	0.01	Passing clouds: th. & lg. W.
12	29.672	0.144	90.9	75.3	102.6	84.7	150.0	80.8	0.668	46	332	W by S	77	...	Cloudy.
13	29.664	0.145	89.4	75.1	104.8	85.7	151.0	79.8	0.679	49	315	W S W	50	0.03	Passing clouds: th.: lg. W.
14	29.618	0.105	90.8	73.0	102.2	82.9	147.2	79.1	0.573	39	376	West	73	...	Cloudy.
15	29.610	0.147	91.6	73.1	99.7	86.2	148.5	84.2	0.567	38	409	West	100	0.01	Overcast.
16	29.598	0.152	91.3	72.9	100.8	84.0	146.4	80.0	0.558	38	443	West	97	0.05	Overcast: lg: S. W.
17	29.635	0.121	87.8	77.4	101.1	84.6	144.0	81.4	0.800	61	270	S W	70	0.29	Passing clouds.
18	29.701	0.105	86.2	77.0	98.9	81.3	146.0	76.4	0.805	64	265	S S W	57	0.14	Passing clouds: th. S. E.
19	29.734	0.108	85.7	76.5	99.2	79.9	142.0	75.3	0.790	64	299	SW by S	47	...	Passing clouds.
20	29.693	0.144	88.5	73.8	99.4	79.8	146.2	74.9	0.638	48	367	W S W	73	...	Cloudy.
21	29.667	0.142	90.4	73.8	99.8	83.4	151.6	79.8	0.612	43	312	W S W	87	...	Do.
22	29.709	0.092	90.1	74.0	97.8	84.4	147.2	80.8	0.624	44	344	W S W	93	...	Do.
23	29.769	0.133	89.9	75.2	98.2	84.2	139.2	80.0	0.677	48	287	SW by W	83	...	Do.
24	29.745	0.178	90.6	73.2	100.0	84.1	139.6	80.1	0.584	49	403	West	80	...	Do.
25	29.681	0.175	91.6	73.8	102.2	83.3	149.5	80.0	0.595	41	391	W by S	52	...	Fine with passing clouds.
26	29.691	0.134	90.8	75.9	103.3	82.9	150.6	78.6	0.694	48	316	W by S	37	0.03	Do. do.
27	29.725	0.099	88.8	75.7	102.0	83.7	152.8	78.7	0.713	53	283	SW by S	47	...	Fine with passing clouds: lg. S.
28	29.762	0.099	88.7	75.7	101.5	83.5	149.0	80.4	0.714	53	276	S S W	80	...	Hazy.
29	29.777	0.118	90.3	76.0	100.5	85.6	149.5	82.6	0.706	49	259	South	17	...	Fine.
30	29.767	0.117	89.4	76.1	102.3	82.6	151.0	77.3	0.722	52	226	S by E	23	...	Fine with passing clouds.
Mean	29.698	0.120	90.1	75.9	102.6	83.6	148.0	79.4	0.706	50	300	SW by S	56	0.56	

Madras Meteorological Observations. 1866—July.

July 1866	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.768	0.086	89.3	76.3	101.2	83.4	150.0	79.2	0.732	53	267	South	23	...	Fine : hazy.
2	29.788	0.095	88.8	76.8	97.8	81.7	144.4	74.7	0.761	56	209	S S E	33	...	Fine with passing clouds.
3	29.788	0.122	89.8	77.3	100.2	84.1	148.5	80.0	0.769	55	225	S by E	53	...	Hazy : lg.
4	29.748	0.120	88.0	76.4	102.2	80.8	147.7	77.9	0.756	57	265	S by W	73	...	Cloudy.
5	29.700	0.154	88.4	76.0	101.1	83.4	149.0	78.9	0.731	54	275	S S W	53	...	Hazy : lg. S.
6	29.727	0.138	87.2	76.2	101.4	83.3	147.0	79.4	0.756	58	249	S W by S	70	...	Cloudy.
7	29.720	0.146	88.2	76.6	98.1	82.0	143.4	78.9	0.761	57	310	South	32	...	Fine with passing clouds.
8	29.689	0.142	89.4	76.5	97.2	82.7	143.8	79.7	0.739	53	315	S by W	28	...	Do. do.
9	29.718	0.107	85.6	76.1	100.0	82.0	144.4	80.8	0.774	63	272	S W	73	0.17	Cloudy.
10	29.675	0.148	88.4	73.4	98.1	80.7	141.1	77.5	0.622	46	304	West	87	...	Do.
11	29.632	0.148	89.4	73.3	96.8	83.9	144.2	80.8	0.604	44	313	W by N	93	...	Overcast.
12	29.668	0.086	87.8	72.4	95.8	83.0	136.6	80.7	0.589	44	340	W by N	100	...	Do.
13	29.712	0.134	89.6	75.2	102.1	84.3	142.0	81.9	0.681	48	262	W S W	77	0.01	Cloudy.
14	29.758	0.126	88.6	76.2	101.2	83.4	148.0	78.7	0.737	54	231	S S W	42	...	Morning fine : afternoon cloudy.
15	29.740	0.129	87.2	77.8	98.6	81.7	146.2	77.5	0.827	64	218	South	47	0.07	Hazy : lg.
16	29.695	0.112	83.4	77.8	92.2	76.0	136.0	72.7	0.879	77	255	South	60	0.34	Hazy : lg. W.
17	29.708	0.145	84.6	77.9	91.8	78.9	131.2	76.2	0.865	73	210	S by W	80	...	Hazy.
18	29.704	0.126	87.7	77.5	99.8	80.9	146.0	79.4	0.807	62	249	S W	50	...	Passing clouds.
19	29.709	0.146	88.9	75.9	100.8	80.8	147.1	76.3	0.720	53	257	W S W	52	...	Do.
20	29.692	0.134	87.3	75.8	100.1	80.7	148.7	76.4	0.738	57	311	S W	53	...	Hazy.
21	29.677	0.136	86.0	76.5	99.9	83.7	145.1	81.0	0.786	63	285	S W	80	0.11	Cloudy.
22	29.676	0.119	86.2	75.9	96.5	81.0	143.0	78.2	0.757	60	210	S W by W	77	...	Do.
23	29.708	0.166	88.5	75.9	100.5	83.3	147.4	80.6	0.726	54	234	S W	80	...	Do.
24	29.714	0.143	89.2	76.8	100.0	84.0	148.8	80.5	0.755	55	225	S W by W	60	...	Passing clouds.
25	29.708	0.160	85.0	77.3	94.0	80.0	117.1	77.3	0.834	69	203	S W by S	97	0.30	Overcast : rain.
26	29.709	0.113	82.8	75.4	92.2	76.8	103.2	74.0	0.781	69	165	S W by S	100	0.09	Do. do.
27	29.741	0.111	84.8	74.7	94.7	78.4	126.8	78.5	0.725	61	187	West	97	0.33	Do. do.
28	29.774	0.096	83.7	74.5	91.9	78.8	136.8	78.4	0.731	63	235	W S W	100	...	Overcast.
29	29.777	0.130	84.3	74.6	92.3	77.7	132.2	73.6	0.727	62	220	W by S	100	0.02	Do.
30	29.758	0.125	81.8	73.4	88.0	79.7	125.5	77.4	0.711	65	260	W by N	100	0.03	Do.
31	29.722	0.106	82.7	74.2	88.5	77.3	122.0	73.8	0.732	65	169	W by N	100	...	Do.
Mean	29.719	0.127	86.9	75.8	97.3	81.2	139.8	78.1	0.746	59	249	S W	70	1.47	

Madras Meteorological Observations. 1866—August.

August 1866	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points.	Cents	Inches	
1	29.714	0.093	81.7	73.0	88.5	77.7	123.4	74.5	0.696	64	213	NW by W	100	...	Overcast.
2	29.678	0.133	85.6	73.8	96.2	78.9	138.0	76.5	0.676	55	246	W S W	97	0.02	Do.
3	29.737	0.131	86.1	75.8	97.3	81.1	147.0	78.0	0.754	60	256	S by W	83	...	Cloudy.
4	29.814	0.087	86.0	75.7	97.4	79.0	143.8	74.1	0.751	60	186	South	50	...	Hazy.
5	29.869	0.103	86.8	78.2	96.0	81.5	142.1	76.4	0.850	67	196	SW by S	83	0.25	Cloudy : rain : lg. S.
6	29.883	0.112	81.6	74.9	86.3	77.0	105.0	75.2	0.777	72	161	S W	100	...	Overcast : lg. W. and S. W.
7	29.862	0.124	84.3	75.0	91.6	77.9	134.3	75.6	0.744	63	178	W S W	90	...	Overcast.
8	29.775	0.171	84.7	75.1	97.3	77.1	143.5	76.1	0.743	62	219	S S W	50	...	Passing clouds.
9	29.721	0.139	86.5	74.7	99.8	76.7	144.4	77.1	0.702	56	287	S W	33	...	Fine with light clouds.
10	29.724	0.145	86.1	75.0	100.1	81.3	147.0	79.1	0.720	58	329	SW by S	47	0.45	Passing clouds : rain.
11	29.703	0.159	85.5	75.6	95.9	79.0	146.0	76.5	0.754	61	246	S by W	40	...	Passing clouds.
12	29.690	0.138	88.1	74.9	98.9	81.2	150.8	78.5	0.688	52	296	W by S	60	0.02	Do.
13	29.683	0.127	87.8	77.0	96.1	82.5	144.0	75.6	0.783	59	294	SW by W	93	0.02	Overcast : lg. S. E.
14	29.720	0.111	85.8	75.9	98.2	80.4	145.2	76.5	0.763	61	259	S W by S	77	0.09	Cloudy : lg. S. E.
15	29.777	0.127	85.3	76.7	98.4	78.6	146.5	77.0	0.804	66	225	S S W	58	0.04	Passing clouds : lg. S.
16	29.773	0.135	86.6	77.1	96.0	80.0	150.8	77.5	0.804	63	203	S by W	37	...	Passing clouds.
17	29.782	0.117	86.9	77.5	95.6	80.7	150.2	78.5	0.818	64	198	S by E	33	...	Fine with passing clouds : lg. W.
18	29.799	0.164	85.0	75.9	93.6	77.6	150.0	75.5	0.773	64	182	South	50	...	Passing clouds.
19	29.771	0.159	84.6	75.4	95.2	75.3	138.9	74.6	0.757	63	165	W S W	60	0.06	Do.
20	29.734	0.176	86.5	75.9	96.6	80.6	143.0	76.6	0.751	60	141	SW by W	57	...	Do.
21	29.724	0.144	84.1	77.0	94.5	78.5	144.0	76.2	0.833	72	169	S S W	67	0.10	Passing clouds : lg. N. W.
22	29.742	0.141	81.0	75.8	90.0	74.0	135.5	72.6	0.822	78	198	W S W	77	0.82	Cloudy.
23	29.733	0.135	80.4	76.5	88.9	72.2	138.2	70.7	0.861	83	139	S W	70	1.06	Hazy.
24	29.697	0.141	81.1	77.2	88.4	77.0	125.0	74.2	0.882	83	126	S by W	100	0.31	Overcast : lg. S.
25	29.692	0.137	80.4	75.9	87.1	74.6	121.0	72.8	0.835	80	163	SW by W	97	0.42	Overcast : th. and lg. S. W.
26	29.746	0.121	82.0	76.3	90.2	75.6	135.0	72.9	0.831	76	196	SW by W	83	0.27	Cloudy.
27	29.748	0.141	82.7	75.9	93.9	77.5	140.0	75.0	0.804	72	233	S W	63	...	Passing clouds : th. and lg. S. W.
28	29.703	0.110	83.5	76.8	91.9	76.8	139.0	72.9	0.832	73	186	S W by S	63	0.05	Passing clouds.
29	29.757	0.101	85.2	77.1	94.0	79.7	136.8	77.1	0.823	68	179	S S W	47	...	Do.
30	29.818	0.101	84.9	77.9	91.5	79.5	141.0	76.1	0.863	72	139	S by E	43	0.19	Passing clouds : lg.
31	29.826	0.129	84.4	77.9	91.8	78.8	150.8	75.4	0.869	74	133	S S W	63	...	Do.
Mean	29.755	0.131	84.6	76.0	94.1	78.3	140.0	75.7	0.786	66	205	S W by S	67	4.17	

Madras Meteorological Observations, 1866—September.

September 1866	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.							
									Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.810	0.100	81.9	75.0	84.0	79.1	113.3	76.7	0.776	71	157	W by N	93	...	Overcast: lg. S. W.
2	29.803	0.119	79.8	75.0	84.1	76.8	100.0	73.8	0.805	79	132	W S W	100	0.11	Overcast.
3	29.769	0.086	80.7	74.2	84.7	77.8	108.2	74.7	0.759	72	204	West	100	...	Do.
4	29.726	0.114	82.5	74.6	91.2	78.0	128.4	76.0	0.751	67	241	W by S	100	0.58	Overcast with rain.
5	29.763	0.139	83.2	75.7	89.8	76.8	130.0	74.8	0.789	69	180	W by N	97	...	Do.
6	29.803	0.155	84.9	76.4	94.1	78.3	138.0	74.2	0.796	66	196	SW by W	67	...	Passing clouds.
7	29.792	0.150	85.5	78.2	95.2	78.7	140.0	76.5	0.866	71	243	S S W	53	...	Do.
8	29.755	0.144	87.3	75.2	94.9	80.8	139.0	75.1	0.712	55	236	SW by W	40	...	Fine with passing clouds.
9	29.740	0.100	85.9	76.4	94.3	79.7	142.0	75.3	0.783	63	147	S by E	43	...	Hazy.
10	29.758	0.133	85.8	76.2	95.4	80.5	140.0	75.4	0.776	63	208	S by W	43	...	Do.
11	29.783	0.126	85.5	76.5	95.2	79.0	143.0	74.9	0.792	65	189	S S W	63	0.10	Passing clouds.
12	29.727	0.162	85.2	76.7	94.3	76.6	138.0	75.1	0.805	66	283	W S W	37	0.05	Fine with passing clouds: lg. S. W.
13	29.739	0.112	84.8	78.2	95.3	80.7	142.0	77.1	0.877	74	165	S by W	57	0.64	Passing clouds: rain.
14	29.754	0.119	84.3	75.5	93.4	76.9	136.8	74.2	0.766	65	193	S W	70	...	Cloudy.
15	29.739	0.117	86.6	75.1	94.9	79.7	142.2	75.2	0.717	57	232	S W	53	...	Passing clouds.
16	29.752	0.141	86.8	74.4	94.4	79.8	139.8	75.5	0.684	53	241	W by S	63	...	Hazy.
17	29.724	0.131	85.5	75.1	94.2	80.4	143.7	74.5	0.732	59	182	S S W	70	...	Do.
18	29.738	0.138	85.8	77.3	96.4	80.3	144.8	75.0	0.823	66	170	S W by S	57	...	Passing clouds.
19	29.780	0.138	85.8	79.0	96.2	80.6	144.2	77.2	0.900	73	174	South	37	...	Hazy.
20	29.793	0.130	86.0	78.8	95.2	81.1	145.5	77.1	0.889	71	196	South	53	...	Passing clouds.
21	29.795	0.138	80.6	76.6	88.9	74.1	120.0	70.0	0.863	83	119	West	90	0.84	Cloudy: rain.
22	29.793	0.121	84.2	77.9	92.0	78.2	136.0	75.0	0.872	74	172	S W by S	33	...	Fine with passing clouds.
23	29.847	0.128	84.8	77.6	91.9	79.2	137.5	76.4	0.851	71	163	S by E	17	...	Fine.
24	29.850	0.140	84.4	77.4	92.2	79.5	139.2	75.7	0.847	72	131	S by E	37	...	Passing clouds.
25	29.802	0.157	84.1	76.9	94.7	78.3	142.3	72.5	0.831	71	147	South	53	...	Hazy.
26	29.788	0.112	84.3	76.1	92.0	77.6	140.1	73.7	0.791	67	148	S by E	20	...	Fine.
27	29.805	0.138	84.6	76.9	93.3	77.4	145.5	71.7	0.822	69	127	S S W	50	...	Hazy: lg. S. W.
28	29.776	0.109	85.6	77.6	92.5	79.9	142.0	75.3	0.840	68	116	S S E	35	...	Fine with passing clouds: lg. S. W.
29	29.754	0.149	85.0	78.4	95.1	80.2	141.4	74.0	0.884	74	123	S W by S	53	0.15	Passing clouds: lg. S. W.
30	29.739	0.125	85.4	76.9	93.8	80.0	136.2	75.3	0.811	66	186	S by E	70	...	Cloudy: lg. S. W.
Mean	29.773	0.129	84.6	76.5	92.8	78.9	136.0	74.9	0.807	68	180	S W by S	58	2.47	

Madras Meteorological Observations. 1866—October.

October 1866	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.688	0.108	79.8	74.5	86.6	73.0	138.0	71.5	0.784	78	155	W by S	73	1.03	Cloudy : rain.
2	29.716	0.090	82.6	77.3	88.9	77.2	139.8	73.5	0.867	78	180	South	60	...	Passing clouds : lg. N. W.
3	29.818	0.113	81.8	77.4	88.2	76.2	139.7	73.2	0.881	81	126	S S E	83	0.61	Cloudy : rain.
4	29.855	0.107	78.0	75.5	80.7	75.8	98.8	74.1	0.851	89	49	W N W	97	0.92	Overcast : rain.
5	29.829	0.127	79.8	76.4	86.1	75.9	139.6	72.3	0.865	85	70	N E	73	...	Cloudy : th. and lg. W.
6	29.825	0.164	82.0	77.9	87.2	76.6	138.0	72.2	0.902	83	84	S S W	53	0.29	Passing clouds : lg. W.
7	29.821	0.131	80.4	77.1	89.1	72.8	134.5	71.1	0.888	86	140	S S W	47	0.71	Passing clouds : th. : rain.
8	29.845	0.113	82.0	77.4	88.4	77.2	138.0	74.9	0.879	81	133	S by E	27	0.02	Fine with p. cl. : th. and lg. N. W.
9	29.859	0.144	82.5	78.1	89.0	78.0	141.8	74.1	0.903	81	126	S by E	63	...	Cloudy.
10	29.798	0.152	83.2	77.7	89.1	77.8	140.4	75.1	0.877	77	130	S by E	37	...	Fine with passing clouds : lg.
11	29.815	0.105	82.2	76.5	87.2	75.3	136.6	70.4	0.837	76	106	S by W	20	...	Passing clouds : lg. S. W.
12	29.869	0.121	83.1	77.7	88.0	78.1	140.0	73.1	0.878	77	91	S E	23	...	Passing clouds : lg. W. and S. W.
13	29.888	0.116	82.0	77.0	87.7	77.3	132.0	71.5	0.862	79	67	East	77	...	Cloudy : lg. S. W.
14	29.866	0.126	80.7	76.9	85.7	75.9	147.1	73.3	0.875	84	80	East	42	1.66	Fine with passing clouds : rain : lg. W.
15	29.833	0.139	80.9	77.3	85.5	77.0	135.6	74.2	0.890	85	77	S E by E	73	0.95	Cloudy : rain : lg. S. W.
16	29.842	0.109	81.1	76.3	86.7	77.2	140.2	72.5	0.843	79	96	E by S	60	0.24	Passing clouds : lg. W. and S. W.
17	29.862	0.114	80.8	76.9	86.0	76.4	143.5	73.4	0.873	83	109	N E by N	60	0.81	Passing clouds : rain : lg. W.
18	29.892	0.119	79.5	75.8	82.7	75.1	134.0	72.5	0.844	84	99	N by W	93	0.76	Cloudy : rain.
19	29.875	0.137	78.4	75.3	84.5	75.8	138.0	72.4	0.837	86	114	N by E	97	...	Overcast.
20	29.866	0.117	77.4	74.9	80.1	75.6	95.5	73.0	0.833	89	69	N N W	100	0.06	Do.
21	29.796	0.130	80.1	76.6	86.5	75.9	122.4	72.4	0.870	85	65	NW by N	97	...	Do.
22	29.734	0.096	80.8	75.6	88.0	76.6	126.8	73.4	0.816	78	80	N by W	87	0.03	Cloudy : th. and lg. S. W.
23	29.677	0.132	79.6	76.0	87.6	74.2	138.0	71.3	0.851	85	92	S W by S	90	0.47	Cloudy : rain : th. and lg. W.
24	29.692	0.084	80.6	75.6	86.8	76.5	135.2	76.2	0.819	78	98	NW by W	70	...	Cloudy.
25	29.756	0.105	82.2	76.7	90.2	76.1	139.8	70.7	0.816	77	89	North	47	...	Hazy.
26	29.879	0.077	80.7	75.1	88.5	77.1	138.8	72.8	0.797	76	89	S E	77	0.06	Cloudy.
27	29.918	0.096	80.6	74.6	88.2	75.5	140.2	70.4	0.777	74	70	E by S	43	...	Passing clouds.
28	29.930	0.103	80.1	75.0	84.0	74.5	138.5	70.0	0.801	78	166	N E by N	30	...	Fine with passing clouds.
29	29.928	0.089	80.0	74.2	84.6	76.4	136.0	72.6	0.769	75	189	N E by N	53	0.08	Passing clouds.
30	29.927	0.123	80.5	73.0	84.6	76.0	140.6	70.5	0.712	68	186	N E by N	53	...	Do.
31	29.908	0.131	78.5	71.5	84.0	73.2	135.3	68.3	0.679	70	136	N N E	23	...	Fine.
Mean	29.832	0.117	80.7	76.1	86.5	76.0	134.9	72.5	0.839	80	108	E by S	62	8.70	

Madras Meteorological Observations. 1866—November.

November 1866	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion.			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.914	0.097	77.7	69.9	84.6	71.8	135.0	67.0	0.628	66	168	N N E	25	...	Hazy.
2	29.928	0.102	77.8	70.6	84.3	71.7	133.5	64.1	0.653	69	181	N by E	60	...	Passing clouds.
3	29.951	0.092	77.5	70.8	84.7	72.7	139.8	67.9	0.665	71	149	N E by N	37	...	Hazy.
4	29.973	0.108	79.1	74.2	85.9	71.8	140.5	65.0	0.781	78	154	N E by N	30	...	Fine with passing clouds: lg. W.
5	29.951	0.117	80.4	75.5	86.2	75.8	139.7	69.8	0.817	78	162	N N E	33	...	Fine with passing clouds.
6	29.917	0.117	80.2	74.7	85.7	75.6	135.5	73.6	0.787	76	161	N E by N	30	...	Do.
7	29.901	0.128	80.6	75.1	86.8	75.2	139.1	70.3	0.798	76	165	N E by N	33	...	Do.
8	29.888	0.119	80.3	74.2	86.2	75.0	138.5	70.0	0.765	74	174	N E by N	10	...	Fine.
9	29.895	0.111	79.7	73.1	86.0	72.3	134.0	67.3	0.728	72	164	N E by N	3	...	Clear.
10	29.896	0.107	79.2	73.1	84.5	72.9	133.8	67.4	0.734	74	137	N E	23	...	Fine with passing clouds.
11	29.915	0.102	75.8	72.3	83.6	73.5	117.2	66.4	0.747	84	88	N E	80	0.53	Cloudy: rain
12	29.965	0.095	79.2	72.7	84.1	73.3	136.6	68.0	0.718	72	130	N E by E	38	...	Fine with passing clouds.
13	29.974	0.118	79.1	72.9	84.3	72.7	143.6	67.9	0.726	73	205	N E by N	53	...	Passing clouds.
14	29.936	0.109	78.7	71.8	84.7	73.4	136.4	69.5	0.683	70	229	N N E	40	...	Do.
15	29.942	0.089	75.9	73.5	81.3	73.5	110.0	72.0	0.795	89	215	N E by N	90	2.80	Cloudy: rain
16	30.032	0.097	73.5	72.2	74.6	73.0	87.2	70.6	0.774	94	178	N E by E	100	4.31	Overcast: rain.
17	30.024	0.120	77.4	73.4	80.0	72.8	128.4	69.8	0.770	82	186	N N E	90	0.19	Cloudy.
18	29.988	0.130	77.3	73.4	82.0	72.8	132.0	68.2	0.771	82	164	N by E	50	...	Passing clouds.
19	29.991	0.112	77.5	74.2	82.8	73.5	135.0	70.3	0.803	85	133	N N E	60	0.05	Do.
20	29.988	0.116	77.5	73.4	82.4	73.6	139.2	71.1	0.769	82	152	N E by N	63	0.46	Passing clouds: rain.
21	29.973	0.124	77.2	73.3	80.1	73.7	122.6	69.2	0.768	82	130	N N E	87	1.29	Cloudy: rain.
22	29.968	0.112	76.2	72.3	80.4	73.0	135.0	69.0	0.741	82	172	N E by N	57	...	Passing clouds.
23	29.946	0.102	76.9	72.4	81.2	73.7	131.2	70.4	0.737	79	186	N E by E	77	0.56	Cloudy: rain.
24	29.968	0.102	72.6	71.0	76.0	71.4	95.2	69.2	0.739	92	144	N by E	100	1.58	Overcast: rain.
25	29.987	0.141	74.1	70.3	77.6	71.0	108.0	69.0	0.690	82	155	N by E	97	0.16	Do.
26	29.951	0.110	73.0	65.3	80.1	67.9	126.9	59.8	0.523	64	157	N N E	2	...	Clear.
27	29.935	0.102	71.1	68.5	79.8	63.2	126.2	55.0	0.486	64	123	N by E	20	...	Fine with passing clouds.
28	29.947	0.096	73.1	66.0	79.9	66.3	129.9	56.8	0.546	67	199	N N E	53	...	Passing clouds.
29	29.966	0.104	74.5	69.0	79.9	70.4	128.2	64.9	0.636	74	228	North	93	...	Overcast.
30	29.950	0.098	76.6	72.2	80.1	71.9	127.4	68.1	0.732	79	215	N by E	87	...	Cloudy.
Mean	29.952	0.109	77.0	71.9	82.3	72.3	128.9	67.6	0.717	77	167	N N E	54	11.93	

Madras Meteorological Observations. 1866—December.

December 1866	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.941	0.098	75.8	70.1	80.7	73.6	124.8	69.5	0.661	74	292	N N E	97	0.14	Overcast.
2	29.906	0.083	69.9	68.6	72.6	68.4	78.0	69.2	0.683	93	244	N N W	100	2.16	Overcast : rain.
3	29.891	0.089	73.6	72.7	76.5	70.3	81.2	70.0	0.793	96	274	N N E	100	4.97	Do. do.
4	29.883	0.091	76.1	74.2	80.2	73.8	135.0	71.6	0.821	91	256	N E by E	98	2.13	Do. do.
5	29.922	0.137	74.8	73.6	75.9	73.0	92.2	71.5	0.814	94	153	N E by E	98	7.99	Do. do.
6	29.889	0.122	76.4	74.3	81.2	72.8	132.5	71.6	0.822	90	133	N E	77	0.33	Cloudy : rain.
7	29.962	0.124	76.7	74.0	81.3	72.7	142.0	72.4	0.805	87	125	E by N	67	0.23	Do. do.
8	30.004	0.113	76.9	72.8	80.9	73.0	132.0	69.3	0.753	82	232	N E by N	53	1.46	Do. do.
9	30.023	0.103	75.1	67.7	78.9	72.5	128.3	66.7	0.580	66	225	N E by N	37	...	Fine with passing clouds.
10	30.044	0.109	73.6	68.1	77.5	69.1	121.0	63.2	0.615	74	227	North	60	...	Passing clouds.
11	30.050	0.093	73.1	70.2	77.8	69.6	111.9	65.5	0.701	86	240	North	87	0.20	Cloudy.
12	30.021	0.120	74.4	72.8	80.4	72.9	118.6	71.0	0.787	93	171	N N E	90	0.21	Do.
13	29.990	0.108	74.4	72.1	77.2	73.3	106.2	71.0	0.758	89	166	N N E	90	0.39	Cloudy : rain.
14	29.981	0.109	75.1	70.9	79.9	71.6	128.2	69.7	0.701	80	164	N by E	97	0.33	Overcast : rain.
15	30.035	0.104	77.2	71.3	80.6	73.9	133.4	71.4	0.688	73	191	N E by N	87	...	Cloudy.
16	30.084	0.085	76.7	70.9	80.6	73.1	136.3	68.5	0.681	74	212	N E by N	90	...	Do.
17	30.083	0.120	75.0	69.4	80.3	71.9	132.8	68.3	0.645	74	209	N E by E	33	...	Passing clouds.
18	30.079	0.133	74.9	69.4	80.1	69.3	136.9	64.0	0.646	74	121	E N E	27	...	Fine with passing clouds.
19	30.078	0.113	74.7	69.5	79.4	68.1	129.7	60.8	0.653	76	153	N E by E	43	0.05	Passing clouds.
20	30.072	0.120	76.8	71.2	81.0	73.6	135.2	68.3	0.690	75	252	N E	53	0.27	Do.
21	30.084	0.093	75.8	70.7	78.4	72.8	102.0	71.5	0.685	77	266	E by N	95	0.57	Overcast : rain.
22	30.087	0.114	75.4	68.0	79.4	72.5	129.6	67.2	0.587	66	276	N E	25	...	Fine with passing clouds.
23	30.084	0.116	74.4	67.5	79.6	67.2	128.2	58.9	0.587	68	222	N E by N	27	...	Do.
24	30.097	0.097	75.1	68.4	79.8	70.3	131.3	69.4	0.605	69	338	N E	50	0.29	Passing clouds.
25	30.090	0.097	75.2	66.9	79.5	71.5	130.1	67.3	0.550	62	308	N E	28	0.08	Fine with passing clouds.
26	30.059	0.129	74.2	66.9	78.4	69.7	130.4	62.7	0.563	66	239	N N E	23	...	Do.
27	30.013	0.105	72.2	65.5	77.8	67.1	133.2	62.1	0.540	68	204	N by E	27	...	Do.
28	30.000	0.121	72.4	65.6	78.4	67.2	127.8	59.7	0.541	68	165	N by E	18	...	Do.
29	29.977	0.122	72.8	68.2	80.2	67.6	130.7	59.1	0.630	78	168	N N E	57	...	Passing clouds.
30	29.935	0.100	75.2	70.0	79.4	71.9	114.1	66.7	0.665	76	148	N E	88	...	Cloudy.
31	29.960	0.107	74.6	69.6	80.7	68.5	138.6	65.5	0.658	77	164	N E by E	23	...	Fine with passing clouds.
Mean	30.010	0.109	74.8	70.0	79.2	71.1	123.6	67.2	0.674	78	211	N E by N	63	21.80	

Madras Mean Monthly and Annual Meteorological Results in 1866.

	Barometer		Dry Bulb Thermometer				Wet Bulb		Tension of Vapour		Relative Humidity		Sun		Wind		Rain		Clear Sky
	Reduced to 32°	Daily Range	Mean	Max.	Min.	Range	Mean	Min.	By Blandford's Tables	Inches	Cents	°	°	Miles	Points	Points	Inches	No.	
	Inches	Inches	°	°	°	°	°	°	Inches	Cents	°	°	°	°	°	°	°	°	°
January.....	30.028	0.124	74.7	81.4	68.1	13.2	68.5	65.3	0.618	71	129.0	61.0	132	7	E by N	...	...	82
February.....	29.935	0.134	78.3	85.2	71.6	13.6	71.9	68.9	0.699	72	132.3	66.9	122	10	E S E	0.21	1	78	
March.....	29.894	0.134	80.8	89.1	73.0	16.1	74.5	70.6	0.775	73	133.2	68.1	175	14	S S E	...	...	84
April.....	29.837	0.139	85.7	98.3	79.3	14.0	78.5	76.1	0.878	71	138.2	75.1	219	13	S E by S	...	...	80
May.....	29.706	0.128	89.5	100.3	82.6	17.7	79.2	76.6	0.862	62	144.1	78.5	250	16	South	0.08	1	79	
June.....	29.698	0.120	90.1	102.6	83.6	19.0	75.9	72.7	0.706	50	148.0	79.4	300	19	S W by S	0.56	7	44	
July.....	29.719	0.127	86.9	97.3	81.2	16.1	75.8	72.8	0.746	59	139.8	78.1	249	20	S W	1.47	10	30	
August.....	29.755	0.131	84.6	94.1	78.3	15.8	76.0	72.6	0.786	66	140.0	75.7	205	19	S W by S	4.17	16	33	
September.....	29.773	0.129	84.6	92.8	78.9	13.9	76.5	73.7	0.807	68	136.0	74.9	180	19	S W by S	2.47	7	42	
October.....	29.832	0.117	80.7	86.5	76.0	10.5	76.1	73.4	0.839	80	134.9	72.5	108	9	E by S	8.70	16	38	
November.....	29.952	0.109	77.0	82.3	72.3	10.0	71.9	69.5	0.717	77	128.9	67.6	167	2	N N E	11.93	10	46	
December.....	30.010	0.109	74.8	79.2	71.1	8.1	70.0	68.0	0.674	78	123.6	67.2	211	3	N E by N	21.80	17	37	
Annual.....	29.845	0.125	82.3	90.3	76.3	14.0	74.6	71.7	0.759	69	135.7	72.1	193	13	S E by S	51.39	85	56	

Madras Extreme Monthly Meteorological Records in 1866.

	Barometer				Dry Bulb Thermometer				Wet Bulb		Humidity		Sun Thermometer		Grass Thermometer		Wind				Rain			
	Highest		Lowest		Range		Highest		Lowest		Lowest		Lowest		Highest		Lowest		Highest		Lowest		Greatest Fall	
	Inches	Day	Inches	Day	Inches	°	Day	°	Day	°	Day	Cents	Day	°	Day	°	Day	Miles	Day	Miles	Day	Inches	Day	
January ..	30.171	24	29.859	6	0.312	83.9	31	64.9	18	62.8	18	54	14	138.0	31	56.8	18	250	1	65	18	...	...
February ..	30.049	10	29.724	4	0.325	90.7	4	64.4	28	62.3	28	49	20	138.3	19	60.7	28	189	4	73	27	0.21	10	
March	30.110	13	29.714	27	0.396	94.2	27	66.4	3	63.9	3	50	27	139.4	21	59.3	2	255	20	104	13	...	...
April	29.985	23	29.674	12	0.311	97.6	11	76.0	1	72.8	6	45	11	141.2	24	70.8	7	276	16	153	23	...	...
May	29.893	1	29.585	7	0.308	110.6	28	79.1	2	73.1	30	17	28	155.0	19	74.5	4	340	15	87	3	0.08	1	
June	29.827	29	29.513	16	0.314	109.0	3	79.8	20	69.7	13	31	25	152.8	27	74.9	20	443	16	220	2	0.29	17	
July	29.835	3	29.552	11	0.283	102.2	4	76.0	16	71.2	12	35	1	150.0	1	72.7	16	340	12	165	26	0.34	16	
August	29.928	6	29.596	2	0.332	100.1	10	72.2	23	69.7	23	40	12	150.8	12	70.7	23	329	10	126	24	1.00	23	
September ..	29.905	24	29.648	12	0.257	96.4	18	74.1	21	71.0	16	40	8	145.5	20	70.0	21	288	12	116	29	0.84	21	
October	29.981	30	29.621	23	0.360	90.2	25	72.8	7	70.4	31	58	31	147.1	14	68.3	31	189	20	49	4	1.66	14	
November ..	30.086	16	29.829	8	0.257	86.8	7	63.2	27	60.2	27	39	27	143.6	13	55.0	27	229	14	88	11	4.31	16	
December ..	30.148	18	29.831	6	0.317	81.3	7	67.1	27	62.6	28	53	28	142.0	7	58.9	23	338	24	121	18	7.99	5	

Madras Meteorological Observations. 1867—January.

January 1867	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	30.006	0.104	74.8	68.6	79.3	69.6	128.5	66.2	0.616	72	150	N E by E	10	...	Fine.
2	30.029	0.130	73.8	68.4	78.3	67.1	124.5	59.3	0.624	74	178	N E by N	40	0.05	Fine with passing clouds.
3	30.070	0.101	75.8	66.8	79.3	73.7	128.1	69.2	0.538	60	261	N E by E	47	...	Do.
4	30.054	0.125	73.6	68.4	79.5	68.9	131.1	59.5	0.627	75	129	N E	23	...	Do.
5	30.041	0.121	75.0	69.9	79.6	69.8	131.0	62.5	0.665	77	187	N E	47	0.03	Do.
6	30.006	0.107	75.4	71.2	81.1	69.9	130.7	62.3	0.709	80	143	N E by E	23	...	Do.
7	29.989	0.126	75.9	72.3	82.7	70.9	133.0	65.4	0.746	84	95	East	20	...	Do.
8	29.975	0.134	76.3	72.7	83.8	70.8	138.8	63.2	0.757	84	96	S E by S	32	...	Do.
9	29.994	0.108	76.7	72.4	83.0	71.8	132.7	66.0	0.739	80	105	S E	23	...	Do.
10	30.052	0.113	75.8	71.1	80.2	70.3	127.1	63.4	0.699	78	149	East	30	...	Do.
11	30.052	0.118	77.2	71.8	82.2	73.6	136.7	66.2	0.708	75	210	E N E	40	...	Do.
12	30.009	0.123	76.9	71.5	80.7	72.9	130.6	69.9	0.700	75	286	E N E	63	0.02	Passing clouds.
13	29.991	0.124	76.0	69.7	80.3	72.9	131.4	70.2	0.643	72	235	E N E	27	0.07	Fine with passing clouds.
14	30.008	0.099	74.5	68.0	78.9	68.9	128.1	61.0	0.599	70	176	N E by E	27	...	Do.
15	30.039	0.123	73.8	67.5	80.1	67.1	131.6	59.7	0.592	71	156	N E by E	37	...	Do.
16	30.029	0.134	73.5	68.0	80.6	67.0	132.9	58.0	0.613	74	118	N E by E	27	...	Do.
17	30.037	0.113	73.8	68.6	80.7	68.3	135.9	61.8	0.631	75	105	E N E	27	...	Do.
18	30.052	0.111	73.5	69.0	80.2	67.8	127.8	59.3	0.650	79	90	E by N	27	...	Do.
19	30.080	0.125	74.0	70.2	80.9	68.5	131.9	62.6	0.688	81	104	E N E	40	...	Passing clouds.
20	30.073	0.149	74.8	69.3	81.4	69.2	133.2	62.3	0.644	74	135	N E by E	40	...	Do.
21	30.038	0.114	73.1	68.0	79.8	68.7	128.5	59.0	0.618	76	122	N E	7	...	Fine.
22	30.032	0.115	73.4	68.2	81.1	66.7	132.7	57.6	0.622	75	70	E by N	27	...	Fine with passing clouds.
23	30.012	0.107	72.6	68.2	80.5	65.5	131.7	55.1	0.632	78	74	E S E	10	...	Fine.
24	30.000	0.112	72.0	68.2	81.3	63.7	128.6	57.7	0.640	82	98	S E by E	7	...	Do.
25	29.980	0.117	72.9	68.5	80.9	65.2	128.1	55.9	0.639	79	89	S E	2	...	Clear.
26	29.992	0.094	73.7	68.5	81.1	66.4	133.2	57.9	0.629	75	92	S E by S	20	...	Fine with light clouds.
27	30.000	0.121	75.6	69.2	81.4	68.5	131.0	61.8	0.629	71	148	East	30	...	Fine with passing clouds.
28	29.984	0.138	75.2	68.9	80.6	67.7	128.8	60.8	0.623	71	195	N E by E	18	...	Do.
29	29.996	0.125	75.3	69.2	81.4	67.9	131.3	61.9	0.634	72	135	E by N	27	...	Do.
30	30.008	0.138	75.2	68.7	81.0	69.5	131.2	64.9	0.616	71	159	E by N	43	...	Passing clouds.
31	30.009	0.116	74.1	67.1	79.3	69.3	130.5	62.3	0.571	68	169	N E by E	37	...	Do.
Mean	30.021	0.119	74.7	69.3	80.7	69.0	131.0	62.0	0.646	75	144	E by N	28	0.17	

Madras Meteorological Observations. 1867—February.

February 1867	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	30.001	0.120	73.0	67.9	79.5	66.0	131.4	59.0	0.616	76	148	N E by E	33	...	Fine with passing clouds.
2	29.970	0.138	73.1	67.5	80.7	65.6	129.5	57.8	0.600	74	99	N E by E	28	...	Hazy.
3	29.990	0.095	76.1	70.4	82.1	67.9	133.0	58.7	0.668	74	178	N E by E	37	...	Fine with passing clouds.
4	29.968	0.115	77.0	71.7	82.8	70.7	126.7	64.2	0.707	76	153	E by N	67	...	Passing clouds.
5	29.951	0.123	77.5	72.9	83.3	70.5	129.8	68.3	0.749	80	190	E by S	60	...	Do.
6	29.932	0.120	78.0	73.5	83.6	72.7	135.8	65.7	0.767	80	152	E by S	27	...	Fine with passing clouds.
7	29.917	0.123	78.3	73.7	84.0	72.9	134.7	66.3	0.771	80	114	E by S	30	...	Do.
8	29.931	0.107	77.8	73.3	83.1	72.5	136.1	65.0	0.761	80	137	East	43	...	Passing clouds.
9	29.957	0.119	78.3	73.0	83.3	73.0	130.9	65.6	0.741	77	135	E by N	50	...	Do.
10	29.969	0.137	77.6	73.1	83.7	71.6	131.5	64.7	0.756	80	88	East	47	...	Hazy.
11	29.922	0.154	76.9	72.6	83.8	70.7	130.5	63.3	0.744	81	96	E S E	50	...	Do.
12	29.897	0.147	76.9	72.5	84.9	70.3	131.5	63.3	0.741	80	99	S E	20	...	Fine.
13	29.876	0.154	76.7	71.3	86.0	69.6	132.0	61.2	0.695	75	122	S S E	27	...	Hazy.
14	29.953	0.122	77.0	69.1	88.2	69.5	134.8	62.0	0.607	65	110	S by E	37	...	Do.
15	29.982	0.140	76.8	70.6	83.4	69.2	131.7	60.6	0.666	72	145	E S E	23	...	Fine with passing clouds.
16	29.965	0.128	75.4	70.1	83.3	68.7	130.7	60.5	0.667	76	92	N E by E	7	...	Fine.
17	29.966	0.117	75.3	70.0	83.6	67.6	131.0	58.9	0.664	76	88	E S E	7	...	Do.
18	29.970	0.108	75.3	69.6	83.5	67.0	131.7	58.9	0.649	74	131	S by E	7	...	Do.
19	29.965	0.108	75.3	69.4	83.8	67.4	130.9	60.0	0.641	72	132	South	7	...	Do.
20	29.976	0.137	74.7	68.1	83.9	66.4	130.6	59.2	0.601	70	125	South	7	...	Do.
21	29.969	0.133	74.5	68.0	83.5	66.5	133.2	57.9	0.599	70	107	S by E	13	...	Do.
22	29.981	0.120	74.6	68.6	82.5	64.7	130.7	55.9	0.620	72	139	S by E	8	...	Do.
23	29.958	0.128	75.1	71.0	84.4	64.7	127.8	58.8	0.705	81	150	S by E	2	...	Clear.
24	29.974	0.117	78.3	73.1	85.7	70.9	132.4	63.4	0.746	77	175	S S E	18	...	Fine.
25	30.022	0.105	78.5	72.9	84.3	71.6	133.8	63.3	0.735	76	147	S E by E	3	...	Clear.
26	30.036	0.105	76.7	71.8	83.4	70.4	133.8	61.6	0.715	77	109	E by S	0	...	Do.
27	30.025	0.104	77.2	72.4	84.5	69.6	134.4	62.9	0.733	78	108	S E	8	...	Fine.
28	29.999	0.120	75.9	70.0	85.5	69.0	136.0	62.7	0.655	73	73	S S E	2	...	Clear.
Mean	29.965	0.123	76.4	71.0	83.7	69.2	132.0	61.8	0.690	76	127	S E by E	24	Nil.	

Madras Meteorological Observations. 1867—March.

March 1867	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hm- idity	Daily Velo- city	Mean Dirrec- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.951	0.133	74.8	64.3	86.5	65.0	135.1	56.8	0.463	54	106	South	0	...	Clear.
2	29.928	0.133	74.7	66.9	83.6	63.9	133.8	55.2	0.557	65	110	S by E	3	...	Do.
3	29.961	0.132	76.2	67.4	83.6	65.8	136.1	55.5	0.555	61	106	S E by E	7	...	Fine.
4	29.983	0.115	77.5	67.8	84.7	68.5	136.0	58.6	0.551	59	111	S E by E	20	...	Fine with passing clouds.
5	29.952	0.121	76.5	68.0	83.2	68.7	133.8	60.2	0.572	62	103	E S E	8	...	Fine.
6	29.918	0.128	76.5	69.2	83.8	67.1	133.9	57.4	0.617	68	132	S E	3	...	Clear.
7	29.895	0.119	77.5	69.4	85.3	67.7	132.7	59.9	0.612	65	155	S by E	13	...	Fine.
8	29.939	0.104	78.2	70.7	86.3	70.5	135.0	62.6	0.652	68	146	S S E	37	...	Hazy.
9	30.002	0.130	79.0	72.1	86.2	70.4	138.9	61.6	0.696	70	113	S E	37	...	Fine with passing clouds.
10	30.017	0.093	78.8	71.4	86.5	72.0	142.0	63.0	0.670	68	121	E S E	17	...	Fine.
11	30.008	0.101	78.0	70.2	85.7	71.2	135.0	64.5	0.635	66	101	S E	20	...	Do.
12	29.963	0.136	78.6	71.7	85.7	69.6	133.1	60.2	0.695	70	154	S S E	3	...	Clear.
13	29.935	0.128	78.8	72.9	86.7	71.3	133.9	63.0	0.731	74	178	S S E	7	...	Fine.
14	29.979	0.108	79.3	72.8	86.5	71.4	133.3	63.2	0.721	72	196	S S E	7	...	Do.
15	29.973	0.125	79.0	72.5	87.4	70.7	134.9	61.9	0.713	72	196	S S E	7	...	Do.
16	29.932	0.119	79.6	72.9	86.5	70.8	133.9	62.2	0.721	71	219	S S E	3	...	Clear.
17	29.908	0.145	81.0	74.0	89.5	73.6	136.2	67.5	0.747	71	206	S S E	8	...	Do.
18	29.919	0.114	81.1	74.2	88.2	75.8	134.7	71.2	0.754	71	225	S by E	28	...	Light haze.
19	29.937	0.124	80.7	73.7	87.0	73.1	132.7	66.5	0.739	71	201	S S E	23	...	Fine with passing clouds.
20	29.897	0.142	80.7	74.8	87.3	72.8	138.1	67.0	0.783	74	192	S S E	40	...	Passing clouds.
21	29.837	0.156	81.6	75.5	90.1	76.2	138.2	71.9	0.802	75	208	S S E	57	...	Do.
22	29.869	0.123	81.3	74.2	87.5	75.6	133.8	69.9	0.752	71	194	S E by S	40	...	Do.
23	29.941	0.107	81.4	73.8	87.9	74.8	137.7	69.0	0.733	69	140	S E	40	...	Do.
24	29.951	0.099	81.3	74.2	87.6	74.8	139.1	69.3	0.752	71	160	East	60	...	Do.
25	29.922	0.103	80.1	73.5	86.9	73.1	139.5	66.4	0.739	72	116	East	37	...	Do.
26	29.926	0.124	80.9	73.0	87.1	73.9	139.6	67.6	0.706	67	118	E S E	42	...	Fine with passing clouds.
27	29.918	0.121	82.2	74.7	88.4	76.8	140.9	69.0	0.760	69	167	E by S	60	...	Passing clouds.
28	29.943	0.113	82.3	74.9	87.8	77.1	141.7	71.3	0.766	69	160	E S E	47	...	Do.
29	29.931	0.144	82.7	75.7	87.5	77.3	139.1	73.2	0.795	71	181	E by S	28	...	Fine with passing clouds.
30	29.895	0.156	82.8	76.0	87.9	77.3	139.5	76.3	0.807	72	220	East	27	...	Do.
31	29.892	0.119	83.1	75.5	89.0	77.6	137.9	74.0	0.782	69	156	E by S	33	...	Do.
Mean	29.936	0.123	79.6	72.2	86.7	72.1	136.5	65.0	0.696	69	158	S E	24	Nil.	

Madras Meteorological Observations. 1867—April.

April 1867	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Snn	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.899	0.123	82.1	74.3	88.4	76.5	139.7	71.2	0.745	68	132	E by S	13	...	Fine.
2	29.850	0.153	82.6	74.5	90.7	74.2	140.5	66.8	0.747	67	118	S E	3	...	Clear.
3	29.817	0.146	81.7	74.4	90.0	74.0	140.0	69.4	0.754	70	125	S S E	17	...	Hazy.
4	29.831	0.114	82.3	74.9	89.3	74.6	137.2	66.4	0.766	69	153	S E by S	23	...	Do.
5	29.852	0.123	82.6	76.0	91.0	75.6	142.2	69.8	0.810	73	159	S S E	53	...	Passing clouds.
6	29.864	0.149	84.1	76.7	91.0	77.2	139.2	71.2	0.820	70	183	S S E	37	...	Hazy.
7	29.842	0.142	83.5	76.7	90.5	77.0	137.3	71.5	0.828	72	221	S by E	17	...	Fine.
8	29.857	0.119	82.9	76.7	91.5	75.2	144.0	69.1	0.836	74	170	S by E	83	...	Hazy.
9	29.906	0.146	82.4	75.3	88.2	78.8	135.2	73.4	0.783	71	143	S E by E	83	0.10	Cloudy.
10	29.868	0.151	83.2	75.6	91.9	74.9	139.2	71.2	0.785	69	145	S S E	25	...	Fine with passing clouds.
11	29.853	0.134	83.9	75.3	90.6	76.6	137.0	71.0	0.763	65	210	S by E	3	...	Clear.
12	29.869	0.133	84.3	77.3	91.0	76.8	136.7	70.2	0.844	72	211	S S E	27	...	Fine with passing clouds.
13	29.877	0.156	84.4	78.0	91.8	77.2	137.6	71.5	0.873	74	219	S S E	10	...	Fine.
14	29.853	0.144	84.4	76.9	91.1	77.1	137.2	72.3	0.825	70	195	S E by S	12	...	Do.
15	29.822	0.147	85.0	77.2	94.5	77.6	139.5	72.4	0.830	69	206	S by E	10	...	Do.
16	29.864	0.119	84.6	77.3	92.1	77.7	139.0	71.2	0.840	71	177	S E by S	42	...	Hazy.
17	29.893	0.141	84.8	76.8	90.9	79.8	137.6	75.7	0.815	68	192	S E	38	...	Do.
18	29.901	0.155	84.4	76.2	91.2	77.3	139.0	75.3	0.794	67	159	S E by E	23	...	Do.
19	29.885	0.127	84.2	77.1	90.6	76.8	139.5	71.4	0.836	72	142	E S E	27	...	Fine with passing clouds.
20	29.859	0.122	85.6	78.1	91.8	79.6	142.2	73.5	0.862	70	170	S E by E	10	...	Fine.
21	29.822	0.119	86.7	78.6	93.7	79.7	142.2	74.5	0.870	69	218	S S E	23	...	Fine with passing clouds.
22	29.820	0.124	86.3	79.8	92.4	80.9	139.9	77.1	0.930	74	244	S S E	67	...	Hazy.
23	29.866	0.105	85.0	79.0	91.8	79.8	142.6	74.9	0.911	76	162	S E	60	...	Do.
24	29.827	0.136	85.4	77.8	92.5	79.0	139.2	73.9	0.852	70	153	S E by S	13	...	Fine.
25	29.824	0.130	85.4	77.6	92.3	77.8	139.0	71.5	0.843	69	198	S E	17	...	Fine with passing clouds.
26	29.886	0.095	85.4	78.1	91.3	78.4	140.9	72.1	0.865	71	150	S E	27	...	Hazy.
27	29.889	0.134	85.9	78.4	92.4	80.2	143.0	76.4	0.872	70	140	E by S	33	...	Passing clouds.
28	29.864	0.152	86.2	79.0	92.8	80.4	147.1	78.2	0.895	71	123	E S E	77	0.01	Cloudy.
29	29.834	0.118	86.2	79.1	92.7	79.7	144.1	75.6	0.900	72	122	S E by E	63	...	Hazy : lg.
30	29.827	0.124	87.1	78.0	93.4	80.7	149.9	76.7	0.877	68	134	S E by S	53	...	Passing clouds.
Mean	29.857	0.133	84.4	77.1	91.4	77.7	140.3	72.5	0.832	70	169	S E by S	33	0.11	

Madras Meteorological Observations. 1867—May.

May 1867	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Dirrec- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.790	0.124	86.9	79.3	93.5	81.6	141.9	77.4	0.900	70	178	S E	40	...	Passing clouds.
2	29.821	0.107	85.6	78.7	94.3	80.1	146.7	78.4	0.889	72	149	S by E	73	...	Cloudy : th : lg. S. W.
3	29.833	0.149	86.0	78.4	93.5	79.6	142.1	75.3	0.871	70	157	S S E	47	...	Passing clouds.
4	29.809	0.149	86.6	79.4	94.4	80.0	146.2	74.9	0.908	70	173	S S E	37	...	Fine with passing clouds : lg. W.
5	29.767	0.116	87.4	79.1	94.7	80.1	141.6	77.4	0.883	68	217	S S E	27	...	Fine with passing clouds.
6	29.765	0.164	88.1	79.8	94.6	81.6	141.5	77.8	0.906	68	237	S by E	23	...	Do.
7	29.766	0.116	89.2	80.0	95.6	82.8	139.8	79.7	0.901	66	289	S by E	20	...	Fine.
8	29.735	0.102	88.8	79.7	96.4	83.2	145.8	79.5	0.892	66	229	S by E	17	...	Do.
9	29.720	0.141	88.8	80.3	95.5	82.7	139.7	79.3	0.920	66	284	S by E	32	...	Hazy.
10	29.777	0.099	85.1	78.2	93.5	79.7	139.3	81.3	0.873	72	151	South	77	...	Cloudy : th : lg. S and E.
11	29.747	0.163	86.8	77.6	95.7	81.7	142.3	75.4	0.824	65	185	E S E	47	...	Hazy : lg. W.
12	29.689	0.145	87.4	78.1	94.9	80.7	142.4	76.1	0.837	64	165	South	27	...	Hazy : th.
13	29.679	0.119	87.7	78.9	99.9	79.6	145.5	76.2	0.871	67	191	S by W	43	...	Passing clouds : lg. S. W.
14	29.700	0.116	89.4	78.9	100.3	82.6	153.3	78.7	0.847	61	164	South	57	...	Hazy : lg. W.
15	29.710	0.156	85.9	77.5	93.3	81.6	127.4	77.2	0.831	67	125	S by W	93	...	Overcast.
16	29.665	0.110	89.4	77.1	99.2	82.7	144.9	79.0	0.766	55	269	S S W	60	...	Hazy.
17	29.695	0.125	84.2	76.4	99.3	79.1	143.4	76.9	0.806	68	256	S by W	73	0.07	Cloudy.
18	29.680	0.101	85.9	78.6	95.2	76.9	144.7	72.3	0.881	71	125	S by E	72	...	Hazy.
19	29.662	0.121	86.5	77.8	94.6	81.6	124.7	77.3	0.836	66	94	N E by E	93	...	Overcast : th. & g.
20	29.653	0.100	87.9	75.9	98.0	81.2	143.5	76.8	0.734	56	140	N N E	93	...	Do.
21	29.686	0.113	85.8	76.4	90.0	84.2	112.1	80.4	0.784	63	267	S by E	100	...	Do.
22	29.682	0.118	88.4	77.4	99.5	81.8	138.4	77.3	0.792	59	294	S S W	93	...	Do.
23	29.679	0.120	88.6	77.3	99.1	81.7	142.1	78.2	0.785	58	222	South	53	...	Cloudy.
24	29.711	0.116	89.2	79.8	99.8	82.6	141.7	80.1	0.891	65	328	South	23	...	Hazy.
25	29.720	0.142	89.9	80.6	101.5	82.9	144.1	80.7	0.919	66	178	S by W	23	...	Fine with passing clouds.
26	29.696	0.141	90.9	79.4	104.4	83.2	145.4	80.8	0.851	58	371	S S W	23	...	Do.
27	29.696	0.136	93.2	77.0	106.9	82.1	146.3	77.5	0.711	46	304	S W	13	...	Fine.
28	29.683	0.135	91.7	78.5	107.1	83.6	147.7	80.1	0.798	53	290	S W by S	27	...	Hazy.
29	29.675	0.106	91.6	77.9	104.3	85.3	145.7	78.5	0.773	52	288	S S W	30	...	Fine with passing clouds.
30	29.670	0.170	92.3	76.9	106.9	86.9	148.4	80.3	0.717	46	239	S W	15	...	Fine.
31	29.696	0.129	91.9	77.8	106.8	83.8	146.6	79.5	0.764	51	265	S W	2	...	Clear.
Mean	29.718	0.127	88.3	78.3	98.2	81.8	141.8	78.1	0.837	63	227	S by E	48	0.07	

Madras Meteorological Observations. 1867—June.

June 1867	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.676	0.148	93.1	77.5	107.3	83.4	146.2	79.2	0.734	48	275	S W by S	17	...	Fine : lg. N. W
2	29.684	0.114	91.2	77.7	105.3	85.0	146.2	80.8	0.768	52	288	S S W	23	...	Hazy : lg.
3	29.687	0.121	91.6	77.9	104.3	84.8	148.7	81.1	0.773	52	260	S S W	47	...	Hazy.
4	29.707	0.119	88.0	77.1	98.1	83.7	130.7	77.2	0.784	59	232	S W by S	70	0.01	Cloudy.
5	29.746	0.084	88.8	76.4	100.9	82.7	156.6	78.4	0.743	54	254	S S W	40	...	Hazy.
6	29.736	0.108	89.7	78.8	98.3	82.7	143.5	79.7	0.838	59	261	S by W	22	...	Fine.
7	29.737	0.144	88.8	78.3	101.3	82.7	142.9	80.4	0.828	60	373	S by W	22	...	Hazy lg. N. W.
8	29.730	0.122	87.6	77.4	99.8	83.0	139.8	80.5	0.803	61	291	S by W	72	...	Cloudy.
9	29.691	0.131	86.2	77.7	101.1	82.2	146.0	76.7	0.836	67	243	S S W	77	0.04	Do.
10	29.681	0.126	88.2	77.5	99.8	83.8	144.8	80.2	0.800	60	300	S S W	33	...	Fine with passing clouds.
11	29.672	0.134	88.9	77.7	101.9	82.7	152.8	79.6	0.800	59	279	South	57	...	Passing clouds.
12	29.623	0.130	86.5	77.3	100.7	85.9	150.8	...	0.815	64	230	S W	53	1.32	Mg. fine : night overcast with rain.
13	29.611	0.145	87.0	77.0	97.2	80.4	136.9	74.5	0.794	62	215	SW by W	90	...	Cloudy.
14	29.612	0.142	88.6	76.4	99.0	80.7	139.4	74.9	0.746	55	204	S W	73	...	Do.
15	29.646	0.125	87.6	77.2	99.0	82.9	141.3	78.7	0.794	60	281	S S W	60	0.03	Do.
16	29.666	0.180	89.4	78.1	101.0	82.2	139.7	79.1	0.810	58	252	S W by S	67	...	Do.
17	29.604	0.193	89.5	76.3	101.1	88.1	144.3	79.3	0.729	53	263	SW by W	87	...	Do.
18	29.556	0.156	91.1	75.8	102.1	83.3	143.6	79.3	0.686	47	312	W by S	73	0.02	Do.
19	29.586	0.126	89.8	76.1	99.5	83.9	139.9	81.0	0.718	51	270	SW by W	83	0.02	Do.
20	29.615	0.104	88.6	77.0	99.0	83.3	143.0	79.2	0.773	57	277	S S W	67	...	Do.
21	29.678	0.135	90.2	75.9	102.3	83.7	142.7	80.4	0.703	49	311	W S W	57	0.04	Passing clouds.
22	29.715	0.133	89.2	75.8	102.0	82.6	143.6	76.9	0.712	51	300	SW by W	67	0.01	Do.
23	29.712	0.141	88.3	75.6	100.4	83.4	140.7	77.9	0.715	54	282	S W by S	60	...	Do.
24	29.740	0.137	88.7	76.7	102.6	83.9	143.0	79.5	0.758	56	245	S W by S	32	...	Fine with passing clouds.
25	29.792	0.122	89.0	76.6	100.9	83.7	144.5	79.3	0.749	55	260	S S W	40	...	Do.
26	29.849	0.124	86.4	76.6	99.5	80.8	147.3	77.3	0.785	62	183	S by W	80	0.33	Cloudy : thunderstorm.
27	29.781	0.154	86.7	77.3	97.0	80.1	149.4	76.6	0.811	63	234	S by W	63	...	Cloudy.
28	22.704	0.145	87.1	74.9	99.3	81.6	142.3	76.5	0.701	55	242	S W by S	40	...	Fine with passing clouds.
29	29.692	0.141	89.4	75.7	102.4	82.7	141.4	78.5	0.704	51	278	S W	40	...	Do.
30	29.721	0.135	88.7	76.4	101.5	83.4	146.6	78.5	0.745	55	264	S W by S	60	0.04	Passing clouds : lg. S. W.
Mean	29.688	0.134	88.8	76.9	100.8	82.6	144.0	78.7	0.765	56	265	S W by S	56	1.86	

Madras Meteorological Observations. 1867—July.

July 1867	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points.	Cents.	Inches	
1	29.696	0.163	88.6	78.0	101.3	81.8	141.3	76.2	0.817	61	228	S S W	57	0.02	Passing clouds.
2	29.675	0.138	87.6	77.7	100.6	83.2	142.4	79.6	0.817	62	212	S by W	75	0.01	Cloudy.
3	29.701	0.078	87.1	77.3	94.9	82.7	131.0	79.1	0.806	63	159	South	77	...	Hazy.
4	29.757	0.084	88.2	77.9	95.0	82.9	139.8	79.9	0.818	61	182	S S E	57	...	Do.
5	29.793	0.104	87.9	78.9	94.6	81.7	144.0	77.8	0.868	66	186	S E	35	...	Do.
6	29.805	0.113	88.0	77.8	95.5	82.5	143.3	80.4	0.816	62	201	S by E	40	...	Fine with passing clouds.
7	29.814	0.093	88.1	77.5	95.6	82.6	141.8	79.9	0.802	61	206	S by W	23	...	Do.
8	29.801	0.106	86.8	77.0	96.6	79.6	141.4	75.6	0.797	62	194	S S W	37	...	Do.
9	29.784	0.123	85.2	77.2	96.3	78.9	144.7	76.2	0.827	68	161	S by W	60	...	Passing clouds.
10	29.788	0.088	83.6	75.4	97.3	79.1	136.0	76.7	0.771	66	234	SW by W	67	...	Cloudy : th.
11	29.757	0.137	85.2	76.8	94.5	79.8	118.7	77.2	0.810	66	220	S S W	68	...	Cloudy : lg. W.
12	29.766	0.137	85.5	76.2	94.9	79.9	139.2	75.2	0.779	63	167	S W by S	87	...	Cloudy.
13	29.762	0.135	86.0	75.2	95.6	80.5	142.8	78.4	0.730	58	226	S W	98	0.45	Overcast with rain.
14	29.757	0.114	81.1	74.7	90.5	74.6	114.8	71.5	0.776	73	284	W S W	100	0.63	Do.
15	29.722	0.137	79.0	73.8	85.9	74.7	121.3	71.7	0.765	77	259	S W by W	100	0.10	Do.
16	29.719	0.088	77.2	74.0	83.9	75.2	112.6	72.4	0.798	85	210	SW by W	100	0.47	Do.
17	29.697	0.126	78.2	74.3	83.5	75.5	108.9	72.5	0.796	82	280	S W	100	0.04	Do.
18	29.688	0.114	82.1	73.9	91.9	76.0	135.5	73.3	0.727	66	293	SW by W	90	...	Cloudy.
19	29.667	0.158	86.3	74.2	96.3	76.5	134.7	70.7	0.684	55	278	S W by W	37	...	Fine with passing clouds.
20	29.637	0.156	87.2	75.5	97.9	80.0	138.5	75.7	0.726	57	262	SW by W	57	...	Passing clouds.
21	29.667	0.116	86.1	75.8	95.7	81.5	131.3	78.3	0.754	60	272	SW by W	87	...	Cloudy.
22	29.708	0.131	87.6	74.6	97.9	81.7	135.5	77.0	0.683	59	257	S W by W	70	...	Do.
23	29.676	0.139	86.6	75.9	98.5	81.0	139.8	75.3	0.751	59	228	SW by S	57	0.02	Passing clouds.
24	29.681	0.113	87.2	76.4	97.2	81.7	137.5	76.2	0.765	59	219	SW by S	60	...	Hazy.
25	29.693	0.109	87.2	76.1	98.9	81.3	141.0	76.4	0.752	58	218	S by W	53	0.15	Passing clouds.
26	29.723	0.104	86.4	76.7	95.2	80.3	138.9	75.5	0.789	63	171	S by W	53	...	Fine with passing clouds.
27	29.713	0.158	88.3	76.0	98.5	79.7	139.7	73.4	0.733	55	213	S S W	57	...	Cloudy.
28	29.689	0.124	86.9	75.3	99.1	82.9	139.2	77.2	0.722	57	242	S W by S	58	...	Passing clouds.
29	29.680	0.142	87.9	76.7	99.6	82.9	139.2	78.2	0.769	58	218	S W	70	...	Cloudy.
30	29.729	0.086	85.9	76.0	97.1	81.7	135.9	75.2	0.765	61	187	S S W	67	...	Do.
31	29.70	0.171	85.9	77.3	99.7	78.6	143.0	74.3	0.822	66	249	S S W	33	...	Fine with passing clouds.
Mean	29.724	0.122	85.6	76.1	95.5	80.0	135.3	76.0	0.775	63	223	S W by S	65	1.89	

Madras Meteorological Observations. 1867—August.

August 1867	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.676	0.177	85.1	76.3	91.2	81.1	121.7	76.7	0.789	65	167	SW by W	83	...	Cloudy : lg. S.
2	29.704	0.077	82.1	74.3	90.1	78.4	124.3	73.3	0.744	68	166	West	100	0.11	Overcast.
3	29.704	0.123	83.3	74.3	94.9	78.7	136.6	73.6	0.728	63	174	S W	92	...	Cloudy.
4	29.736	0.128	84.7	74.6	97.8	78.7	141.9	72.4	0.722	61	184	S W by W	67	0.05	Passing clouds.
5	29.752	0.148	85.9	75.9	99.0	78.8	144.8	76.4	0.761	61	228	S W	73	...	Cloudy.
6	29.734	0.148	86.8	76.3	98.4	82.5	138.5	77.3	0.766	60	221	S W by S	50	...	Hazy : lg. E.
7	29.734	0.134	87.2	76.9	97.4	82.7	147.8	78.0	0.787	61	227	S by W	57	...	Passing clouds : lg. E.
8	29.744	0.128	87.0	75.2	97.2	81.7	144.2	76.1	0.716	56	190	South	60	...	Hazy.
9	29.754	0.156	84.5	77.2	96.0	79.5	146.2	74.2	0.836	71	159	S by W	80	0.02	Cloudy.
10	29.758	0.145	81.2	77.0	89.5	75.7	135.2	73.4	0.872	82	157	S S W	77	1.63	Cloudy with rain.
11	29.693	0.159	86.3	77.6	96.1	79.7	136.0	76.8	0.830	66	194	S S W	73	...	Cloudy.
12	29.672	0.110	84.4	76.6	94.0	80.3	126.4	75.8	0.812	69	196	S S W	100	...	Overcast : lg. S.
13	29.699	0.113	84.8	76.4	94.8	79.7	129.0	74.8	0.797	66	235	S W by S	97	0.02	Do.
14	29.707	0.130	83.9	76.8	94.4	78.8	135.0	73.5	0.827	72	250	S S W	100	...	Do.
15	29.707	0.133	84.9	76.0	93.3	78.8	129.4	73.4	0.778	64	285	S by W	93	...	Cloudy.
16	29.760	0.113	84.6	75.3	96.1	78.7	137.7	73.4	0.753	63	290	S S W	77	...	Do.
17	29.799	0.124	85.3	76.4	95.5	78.7	136.6	73.7	0.790	64	239	S by W	43	...	Fine with passing clouds.
18	29.812	0.132	84.1	77.3	94.4	78.6	136.2	73.8	0.846	72	208	S by W	70	0.03	Hazy.
19	29.813	0.151	83.9	76.0	91.1	78.7	131.9	73.4	0.792	68	197	S S W	100	...	Overcast.
20	29.778	0.156	85.9	75.1	94.2	78.9	134.6	75.0	0.727	57	199	S W	97	...	Overcast : lg. S. W.
21	29.758	0.153	85.5	75.5	95.1	78.7	136.9	74.0	0.750	61	204	S W by S	78	...	Cloudy : lg. S. W.
22	29.751	0.126	85.7	76.0	97.0	78.7	142.6	73.6	0.768	62	232	S W by S	27	0.06	F. with p. cls. : th. and lg. N. W.
23	29.758	0.133	84.6	76.0	96.0	77.9	137.1	72.9	0.783	66	266	S W	40	2.15	F. with p. cls. : th. & lg. N. W. : rain.
24	29.764	0.132	81.6	77.6	90.0	72.3	134.6	71.4	0.893	83	166	S W by S	57	2.03	F. with p. el. : th. and lg. : rain.
25	29.739	0.122	82.8	77.1	90.2	76.9	137.5	73.7	0.855	76	191	South	67	...	Cloudy : lg. S. W.
26	29.717	0.135	83.0	77.6	92.8	76.4	135.3	74.4	0.875	77	166	South	57	...	Passing clouds : lg. S. W.
27	29.746	0.122	83.0	77.2	91.1	77.7	141.6	73.4	0.857	76	168	S by W	50	...	Passing clouds : lg. W.
28	29.734	0.131	84.6	77.5	93.4	77.9	140.5	73.8	0.849	72	180	S S W	40	...	Passing clouds : lg. S. and S. W.
29	29.713	0.140	84.9	77.7	90.8	78.1	125.4	74.3	0.854	71	190	S S W	63	...	Passing clouds.
30	29.698	0.139	83.8	76.4	94.8	78.8	145.9	74.3	0.811	69	207	SW by W	67	0.34	Cloudy : th. and lg. : rain
31	29.687	0.158	84.5	76.6	93.6	79.0	136.4	74.9	0.810	68	210	W by S	87	0.26	Do. do. do.
Mean	29.736	0.135	84.5	76.3	94.2	78.7	136.1	74.4	0.799	67	205	S W by S	72	6.70	

Madras Meteorological Observations. 1867—September.

September 1867	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Ham- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.711	0.120	81.7	76.3	87.2	78.4	115.4	74.4	0.835	77	174	W by S	100	0.21	Overcast : lg. S.
2	29.676	0.109	83.7	75.8	89.6	77.5	138.9	73.6	0.787	63	163	W by N	95	...	Overcast.
3	29.663	0.150	85.6	76.3	94.4	78.9	137.8	72.8	0.781	63	198	SW by W	80	...	Cloudy.
4	29.695	0.146	85.3	76.3	95.3	78.6	139.2	72.3	0.786	64	188	SW by W	53	...	Passing clouds.
5	29.738	0.153	85.7	77.8	95.3	78.9	138.7	74.0	0.847	68	178	S W by S	67	...	Passing clouds : lg.
6	29.754	0.150	84.7	77.6	95.6	78.4	139.3	73.6	0.853	72	186	S W by S	60	...	Passing clouds.
7	29.791	0.127	78.7	74.9	81.9	76.6	99.3	73.4	0.815	83	229	W by S	93	0.32	Cloudy : rain.
8	29.740	0.143	82.1	76.7	88.5	74.7	117.4	72.1	0.848	77	146	West	100	0.14	Overcast.
9	29.686	0.154	83.7	77.3	93.5	78.4	137.1	74.3	0.851	73	157	West	73	0.11	Cloudy : th. : lg. N. E.
10	29.692	0.127	80.4	76.6	85.5	76.8	105.5	74.2	0.866	84	163	SW by W	90	0.11	Cloudy.
11	29.711	0.112	82.0	76.7	85.9	78.0	104.0	75.2	0.849	78	132	West	90	...	Do.
12	29.710	0.098	80.6	76.1	90.8	75.9	136.5	71.8	0.841	89	170	S W by S	90	0.54	Cloudy : rain.
13	29.689	0.112	81.4	75.4	87.8	75.6	132.4	72.9	0.801	74	227	W N W	95	0.23	Do. do.
14	29.659	0.144	84.0	74.8	89.1	78.7	119.5	75.0	0.739	63	221	W by N	90	...	Cloudy.
15	29.694	0.089	81.1	73.9	86.3	77.8	117.8	72.1	0.740	70	176	NW by W	100	0.01	Overcast.
16	29.691	0.128	83.7	73.5	91.1	77.7	127.0	72.5	0.690	60	198	W N W	93	...	Cloudy.
17	29.715	0.137	86.2	73.3	94.4	79.7	137.1	73.3	0.647	51	271	W by S	73	...	Do.
18	29.757	0.148	85.3	74.4	94.7	78.9	136.3	72.5	0.706	58	266	W by S	53	0.04	Passing clouds.
19	29.796	0.118	85.4	74.7	93.6	78.3	135.2	70.7	0.717	59	193	SW by S	60	...	Do.
20	29.810	0.127	84.9	76.9	95.5	79.1	141.5	73.9	0.818	68	163	S by W	60	...	Hazy : lg: S. W.
21	29.842	0.124	85.1	77.4	93.2	79.5	133.3	71.4	0.837	69	162	S S W	82	...	Cloudy : th. and lg.
22	29.870	0.143	84.1	77.3	92.7	78.4	139.8	73.3	0.846	71	128	S W	73	0.07	Cloudy : lg. S.
23	29.853	0.124	82.5	76.9	94.1	76.4	143.9	73.4	0.851	77	187	S S W	63	0.06	Passing clouds.
24	29.830	0.134	82.2	76.5	94.6	74.7	138.0	71.8	0.837	76	189	S W by S	30	0.40	Fine with passing clouds : lg. S. : rain
25	29.802	0.152	84.0	74.2	93.6	75.5	136.2	71.9	0.715	61	174	SW by W	27	0.04	Fine with passing clouds.
26	29.798	0.127	84.9	74.1	93.5	78.0	133.9	70.5	0.698	58	203	W S W	15	...	Fine.
27	29.803	0.142	85.1	75.2	93.2	78.6	144.4	71.7	0.742	61	151	S S W	40	...	Passing clouds.
28	29.784	0.139	85.5	75.7	93.2	79.9	125.4	72.6	0.758	62	137	S W by S	83	...	Cloudy : lg. S. W.
29	29.763	0.138	80.8	77.2	85.4	77.1	97.7	73.7	0.887	85	50	SW by W	100	0.15	Overcast.
30	29.719	0.127	84.6	74.8	92.9	78.6	133.7	72.7	0.731	61	193	S W	80	...	Cloudy.
Mean	29.748	0.131	83.5	75.8	91.4	77.8	129.4	73.0	0.791	69	179	W S W	74	2.43	

Madras Meteorological Observations. 1867—October.

October 1867	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city.	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.777	0.126	84.3	75.1	94.0	77.6	142.7	71.1	0.748	63	177	S by W	17	...	Fine.
2	29.854	0.120	83.9	75.1	91.0	77.7	138.1	69.1	0.754	64	162	S by E	2	...	Clear.
3	29.898	0.140	82.7	76.6	90.2	77.9	141.0	72.2	0.835	75	103	S by E	27	...	Fine with passing clouds.
4	29.891	0.119	83.1	76.1	89.9	76.9	136.2	71.3	0.807	71	103	S E	53	...	Passing clouds.
5	29.905	0.118	83.3	76.3	90.3	78.1	140.9	72.4	0.813	71	111	S S E	33	...	Fine with passing clouds.
6	29.900	0.147	83.0	76.0	89.4	77.8	136.6	73.2	0.804	71	147	South	33	...	Do.
7	29.871	0.184	82.6	75.1	89.7	75.8	141.9	68.5	0.771	69	144	S S E	13	...	Fine.
8	29.854	0.150	83.7	76.1	89.9	78.0	135.1	72.4	0.800	69	128	South	43	...	Passing clouds : th. and lg. N. W.
9	29.865	0.143	81.5	75.3	89.1	77.1	141.3	71.4	0.795	74	89	S W	53	0.54	Passing clouds : th. and lg.
10	29.830	0.135	79.7	75.5	84.0	76.5	121.7	74.2	0.828	81	63	N by E	60	0.36	Passing clouds.
11	29.781	0.152	80.1	75.3	86.7	75.2	132.4	70.7	0.814	79	122	N N E	87	...	Cloudy.
12	29.748	0.121	78.2	74.9	85.4	74.7	131.1	71.3	0.822	85	168	N by W	90	0.16	Do.
13	29.810	0.096	81.0	75.6	87.1	73.9	137.8	70.2	0.813	77	123	S S W	37	...	Fine with passing clouds.
14	29.873	0.081	82.3	76.8	87.3	76.2	133.0	73.3	0.849	77	86	S E	57	0.03	Hazy : lg. S. W.
15	29.886	0.116	80.4	76.2	87.1	76.0	135.1	72.7	0.848	81	90	E S E	73	0.11	Cloudy : lg. W.
16	29.857	0.126	79.5	75.2	87.2	75.1	134.7	72.2	0.818	81	136	N E by N	77	0.39	Cloudy : th. lg. and rain.
17	29.803	0.135	77.0	73.9	79.7	75.0	91.2	72.6	0.797	86	126	NW by N	97	0.37	Overcast : rain.
18	29.723	0.076	77.9	73.6	81.5	73.9	92.7	71.0	0.772	81	129	W by N	97	0.01	Overcast.
19	29.786	0.083	79.3	75.8	86.3	75.4	125.1	70.3	0.846	85	129	S by W	75	...	Cloudy.
20	29.868	0.104	82.3	77.5	87.1	77.3	131.6	73.3	0.880	80	107	S E by S	30	...	Passing clouds.
21	29.852	0.132	81.2	76.7	86.7	77.1	136.1	72.6	0.859	81	104	E by S	27	0.01	Fine with passing clouds.
22	29.823	0.126	80.6	77.2	85.2	76.4	136.5	72.2	0.889	85	75	N E	37	0.10	Fine with passing clouds : th.
23	29.871	0.100	81.4	76.7	87.2	76.0	140.8	73.2	0.856	80	117	E N E	57	0.12	Passing clouds.
24	29.890	0.100	82.1	76.9	86.5	77.0	134.7	73.4	0.857	78	236	N E	53	0.29	Do.
25	29.909	0.125	80.7	76.5	86.1	76.0	132.2	73.4	0.857	82	121	E N E	67	0.62	Cloudy : rain.
26	29.900	0.133	79.8	75.7	84.8	75.5	135.3	72.4	0.833	82	119	N N E	50	0.28	Passing clouds : rain.
27	29.888	0.125	79.7	75.2	85.5	74.4	134.3	71.6	0.815	80	92	N E by N	37	...	Fine with passing clouds.
28	29.869	0.114	80.0	75.5	86.8	75.6	134.2	71.2	0.824	80	108	N by E	50	...	Passing clouds.
29	29.854	0.110	80.9	75.3	86.9	75.4	132.1	71.4	0.803	76	173	North	30	...	Fine with passing clouds.
30	29.837	0.112	80.2	73.8	86.7	75.7	134.5	69.7	0.749	72	175	North	27	...	Do.
31	29.808	0.133	77.4	63.8	84.9	70.8	130.6	62.3	0.412	44	2.28	N by W	43	...	Hazy.
Mean	29.848	0.122	81.0	75.3	87.1	76.0	132.3	71.5	0.805	76	129	East	49	3.39	

Madras Meteorological Observations. 1867—November.

November 1867	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.828	0.130	75.0	62.1	85.3	67.9	134.4	55.5	0.387	44	168	N W	50	...	Hazy : th. and lg. N.
2	29.857	0.119	75.3	64.1	86.1	65.4	130.6	54.1	0.450	51	92	N W by N	30	...	Hazy : lg. N.
3	29.921	0.107	76.3	66.8	86.7	68.1	132.2	61.2	0.531	59	90	S E by E	22	...	Fine : lg. N.
4	29.970	0.098	76.4	69.6	84.4	69.3	129.7	60.6	0.633	70	96	E N E	30	...	Fine with light haze.
5	29.966	0.126	77.9	71.3	85.3	70.3	133.5	62.1	0.680	71	116	N E by E	57	...	Hazy.
6	29.922	0.130	79.9	74.2	86.3	73.6	136.2	68.3	0.770	75	228	N N E	53	...	Passing clouds.
7	29.957	0.108	78.3	73.6	83.2	74.6	119.0	73.7	0.766	79	200	N N E	87	0.11	Cloudy.
8	29.983	0.080	80.7	72.9	84.0	77.0	111.9	72.4	0.705	67	289	N N E	90	...	Do.
9	29.954	0.130	77.1	69.3	84.9	73.9	130.3	70.6	0.613	66	242	North	80	...	Hazy.
10	29.935	0.157	76.9	64.7	87.4	70.8	137.4	66.1	0.449	49	178	N by W	53	...	Passing clouds.
11	29.895	0.167	76.3	65.7	87.1	66.2	130.8	55.1	0.492	55	103	N W by N	13	...	Fine.
12	29.881	0.136	76.9	69.4	88.1	67.0	137.0	58.3	0.619	67	145	N N W	12	...	Do.
13	29.991	0.089	78.3	73.8	84.0	73.6	129.7	67.9	0.775	80	96	N E by N	40	0.24	Showery.
14	30.037	0.102	79.1	73.8	84.8	75.1	137.7	71.0	0.764	77	126	N E by N	50	...	Passing clouds.
15	29.991	0.133	77.3	70.6	84.5	70.1	132.5	64.7	0.661	71	149	N E	10	...	Fine.
16	29.985	0.144	77.3	67.4	84.2	68.1	130.9	58.9	0.539	57	162	N E	0	...	Clear.
17	30.023	0.110	76.2	66.2	84.5	66.8	134.2	61.1	0.511	56	150	N E	0	...	Do.
18	30.069	0.113	76.0	66.7	83.7	67.7	138.3	57.0	0.531	59	150	N E by N	33	...	Fine with light clouds.
19	30.084	0.111	75.5	66.3	84.4	67.7	139.2	60.5	0.524	59	164	N N E	33	...	Do.
20	30.069	0.094	77.3	68.2	83.4	71.8	134.5	66.7	0.570	61	199	N E by N	50	...	Passing clouds.
21	30.055	0.132	75.8	60.5	83.1	68.3	135.5	60.6	0.527	59	183	N E	43	...	Do.
22	30.048	0.110	75.3	66.8	83.0	65.8	132.2	55.7	0.545	62	140	N E by N	15	...	Fine.
23	30.067	0.088	77.8	70.7	83.2	70.8	131.2	64.5	0.658	70	228	N E by N	43	...	Passing clouds.
24	30.061	0.103	78.7	72.6	84.5	72.6	138.2	70.6	0.721	74	211	N E	63	0.08	Do.
25	30.015	0.117	74.7	72.2	77.2	73.6	101.5	69.6	0.758	88	104	N E by N	93	0.73	Cloudy : rain.
26	30.029	0.114	74.7	71.9	79.4	71.0	131.0	69.6	0.746	87	145	N by E	98	1.04	Overcast : rain.
27	30.058	0.099	77.8	72.5	81.5	74.7	131.2	72.1	0.729	77	291	N E by N	83	0.02	Cloudy.
28	30.062	0.119	75.2	72.3	80.4	74.6	126.6	72.5	0.755	86	294	N E by N	97	1.04	Overcast : rain.
29	30.047	0.108	75.8	72.5	81.4	73.3	130.7	70.3	0.756	85	233	N E	70	0.47	Cloudy : rain.
30	30.063	0.095	73.4	71.7	78.1	71.5	98.7	68.4	0.755	92	214	N E by E	97	3.64	Overcast : rain.
Mean	29.994	0.116	76.8	69.5	83.8	70.7	129.9	64.7	0.631	68	173	N E by N	50	7.37	

Madras Meteorological Observations. 1867—December.

December 1867	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches.	Inches	°	°	°	°	°	°	Inches	Cents.	Miles	Points	Cents	Inches	
1	30.066	0.111	75.6	70.3	80.4	70.6	127.5	69.2	0.672	76	235	N E by N	57	0.03	Cloudy.
2	30.047	0.106	75.0	69.4	79.7	70.7	123.8	63.3	0.645	74	198	N E by N	23	...	Fine with passing clouds.
3	30.046	0.084	73.9	70.8	79.6	70.8	126.2	67.0	0.714	86	205	N by E	93	0.11	Cloudy.
4	30.050	0.118	76.7	71.9	81.5	73.7	128.5	69.8	0.719	78	233	N E	67	...	Passing clouds.
5	30.026	0.125	77.1	72.6	81.9	72.9	128.6	68.3	0.742	80	217	N E by N	67	0.06	Do.
6	29.993	0.116	76.6	70.8	80.5	72.3	125.0	69.0	0.677	74	259	N N E	60	...	Do.
7	29.984	0.070	76.0	70.4	80.6	71.0	130.0	64.9	0.670	75	249	N E by N	47	...	Do.
8	30.005	0.118	77.8	71.5	81.6	75.0	128.6	69.0	0.689	73	320	N E	40	...	Light clouds.
9	30.008	0.102	77.2	70.0	80.9	75.1	126.8	70.0	0.638	68	306	N E	37	...	Passing clouds.
10	30.037	0.122	76.4	68.8	81.3	72.8	130.2	66.1	0.603	67	245	N E by E	40	...	Do.
11	30.023	0.116	75.7	68.6	80.7	68.9	129.5	61.6	0.605	69	223	N E	43	...	Do.
12	30.022	0.095	75.0	67.8	80.2	69.2	127.5	60.0	0.585	67	189	N E	23	...	Fine with passing clouds.
13	30.033	0.117	74.7	67.2	79.7	68.6	127.1	61.1	0.568	66	213	N E	20	...	Do.
14	30.040	0.121	74.2	66.0	79.6	67.9	125.3	60.3	0.531	62	218	N E	30	...	Do.
15	30.046	0.111	72.1	64.7	79.5	64.5	124.7	55.2	0.513	65	281	N E by N	27	...	Light clouds.
16	30.052	0.117	73.9	65.7	79.8	66.9	124.9	60.7	0.524	62	246	N E by N	23	...	Do.
17	30.049	0.082	73.7	66.2	79.8	65.2	126.5	55.7	0.545	65	210	N E by N	35	...	Do.
18	30.037	0.136	74.4	67.3	80.6	68.3	128.7	62.4	0.575	68	198	N N E	23	...	Do.
19	30.034	0.137	71.4	66.3	80.4	64.9	131.7	55.4	0.580	75	156	N by E	7	...	Fine.
20	30.006	0.116	71.6	65.5	80.3	65.3	131.1	57.1	0.549	71	154	N by E	10	...	Do.
21	29.984	0.127	71.9	65.5	79.7	63.2	127.2	53.1	0.544	69	177	N N E	0	...	Clear.
22	30.012	0.117	73.9	67.9	81.7	65.2	134.5	56.3	0.604	72	180	N by E	3	...	Do.
23	30.032	0.121	73.7	68.0	80.9	66.7	126.6	56.9	0.610	73	190	N by E	3	...	Do.
24	29.997	0.117	75.6	70.6	81.7	70.8	129.4	65.1	0.683	77	133	N E	17	...	Fine.
25	29.992	0.133	74.9	71.7	79.6	71.9	109.1	65.7	0.735	85	144	N E by N	65	0.14	Passing clouds.
26	30.008	0.114	74.5	71.1	78.5	72.3	130.0	69.1	0.717	84	209	N E by N	80	0.04	Cloudy.
27	30.032	0.113	75.1	70.4	81.2	71.2	134.9	66.3	0.682	78	139	N E by E	63	...	Do.
28	30.042	0.108	75.2	69.6	80.4	70.0	126.9	63.5	0.650	75	151	N E by E	27	...	Fine with passing clouds.
29	30.041	0.113	74.8	69.0	80.4	68.6	130.6	60.8	0.632	73	172	N E	27	...	Do.
30	30.046	0.105	74.5	67.7	80.3	67.5	128.7	58.0	0.588	69	172	N E	27	...	Do.
31	30.338	0.127	74.1	68.1	80.0	67.9	131.4	60.1	0.608	72	163	N E	20	...	Do.
Mean	30.027	0.113	74.7	68.8	80.4	69.4	127.8	62.6	0.626	73	203	N E by N	36	0.38	

Madras Mean Monthly and Annual Meteorological Results in 1867.

	Barometer		Dry Bulb Thermometer				Wet Bulb		Tension of Vapour	Relative Humidity	Sun Maximum	Minimum on Grass	Wind		Rain		Clear Sky		
	Reduced to 32°	Daily Range	Mean	Max.	Min.	Range	Mean	Min.	By Blanford's Tables	Cents	°	°	Miles	Points	Points	Inches		No.	Days
	Inches	Inches	°	°	°	°	°	°	Inches	Cents	°	°							
January.....	30.021	0.119	74.7	80.7	69.0	11.7	69.3	66.5	0.646	75	131.0	62.0	144	7	E by N	0.17	4	72	
February.....	29.965	0.123	76.4	83.7	69.2	14.5	71.0	67.2	0.690	76	132.0	61.8	127	11	S E by E	...	...	76
March.....	29.936	0.123	79.6	86.7	72.1	14.6	72.2	68.8	0.696	69	136.5	65.0	158	12	S E	...	...	76
April.....	29.857	0.133	84.4	91.4	77.7	13.7	77.1	74.3	0.832	70	140.3	72.5	169	13	S E by S	0.11	2	67	
May.....	29.718	0.127	88.3	98.2	81.8	16.4	78.3	75.1	0.837	63	141.5	78.1	227	15	S by E	0.07	1	52	
June.....	29.688	0.134	88.8	100.8	82.6	18.2	76.9	73.4	0.765	56	144.0	78.7	265	19	S W by S	1.86	10	44	
July.....	29.724	0.122	85.6	95.5	80.0	15.5	76.1	73.3	0.775	63	135.3	76.0	223	19	S W by S	1.89	9	35	
August.....	29.736	0.135	84.5	94.2	78.7	15.5	76.3	73.2	0.799	67	136.1	74.4	205	19	S W by S	6.70	11	28	
September.....	29.748	0.131	83.5	91.4	77.8	13.6	75.8	72.6	0.791	69	129.4	73.0	179	22	W S W	2.43	14	26	
October.....	29.848	0.122	81.0	87.1	76.0	11.1	75.3	73.0	0.805	76	132.3	71.5	129	8	East	3.39	14	51	
November.....	29.994	0.116	76.8	83.8	70.7	13.1	69.5	66.6	0.631	68	129.9	64.7	173	3	N E by N	7.37	9	50	
December.....	30.027	0.113	74.7	80.4	69.4	11.0	68.8	66.3	0.626	73	127.8	62.6	203	3	N E by N	0.38	5	64	
Annual	29.855	0.125	81.5	89.5	75.4	14.1	73.9	70.9	0.741	69	134.7	70.0	184	13	S E by S	24.37	79	53	

Madras Extreme Monthly Meteorological Records in 1867.

	Barometer			Dry Bulb Thermometer				Wet Bulb		Humidity		Sun Thermometer		Grass Thermometer		Wind				Rain.	
	Highest	Lowest	Range	Highest		Lowest		Lowest		Lowest		Highest		Lowest		Highest		Lowest		Greatest Fall	
				°	Day	°	Day	°	Day	Cents	Day	°	Day	°	Day	Miles	Day	Miles	Day	Inches	Day
January ...	30.149	29.921	8	83.8	8	63.7	24	63.9	23	56	3	138.8	8	55.1	23	286	12	70	22	0.07	13
February ...	30.088	29.798	13	88.2	14	64.7	22	62.9	22	37	14	136.1	8	55.9	22	190	5	73	28	...	...
March	30.072	29.774	21	90.1	21	63.9	2	60.9	2	27	1	142.0	10	55.2	2	225	18	101	11	...	...
April ...	29.992	29.744	3	94.5	15	74.0	3	69.7	10	48	11	149.9	30	66.4	4	244	22	118	2	0.10	9
May	29.891	29.580	30	107.1	28	76.9	18	72.7	28	38	31	153.3	14	72.3	18	378	25	94	19	0.07	17
June	29.905	29.467	18	107.3	1	75.9	12	70.9	28	28	1	156.6	5	74.5	13	373	7	183	26	1.32	12
July	29.867	29.559	20	101.3	1	74.6	14	70.6	19	34	27	144.7	9	70.7	19	293	18	159	3	0.63	14
August ...	29.878	29.590	1	99.0	5	72.3	24	69.7	4	41	8	147.8	7	71.4	24	290	16	157	10	2.15	23
September.	29.932	29.581	3	95.6	6	74.7	8	69.4	18	41	26	144.4	27	70.5	26	271	17	50	29	0.54	12
October ...	29.972	29.680	18	94.0	1	70.8	31	62.2	31	39	31	142.7	1	62.3	31	236	24	63	10	0.62	25
November.	30.148	29.771	1	88.1	12	65.4	2	59.1	1	33	10	139.2	19	54.1	2	294	28	90	3	3.64	30
December..	30.125	29.927	7	81.9	5	63.2	21	60.9	21	50	15	134.9	27	53.1	21	320	8	133	24	0.14	25

Madras Meteorological Observations. 1868—January.

January 1868	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	30.057	0.100	75.4	67.6	84.0	66.8	129.0	58.6	0.573	65	207	N E	7	...	Fine.
2	30.065	0.114	74.6	67.9	83.3	64.8	132.1	56.6	0.594	69	205	N E	40	...	Passing clouds.
3	30.041	0.125	75.1	70.9	84.6	69.0	132.4	61.8	0.701	80	194	N E	37	...	Fine with passing clouds.
4	30.009	0.114	74.1	69.6	84.4	65.1	134.6	59.0	0.664	79	149	N E	37	...	Do.
5	29.975	0.138	72.6	68.3	84.3	62.6	131.1	56.2	0.636	79	117	N E by E	17	...	Fine.
6	29.978	0.115	73.1	69.9	84.2	64.5	132.8	56.3	0.690	85	115	N E by E	28	...	Fine with passing clouds.
7	29.976	0.134	74.0	69.5	83.8	65.0	137.8	58.0	0.662	79	130	N E by E	43	...	Passing clouds.
8	29.980	0.138	75.1	67.7	84.9	64.0	135.1	57.1	0.580	66	161	N E	35	...	Fine with passing clouds.
9	29.993	0.093	74.1	68.7	85.3	65.9	134.2	60.1	0.631	74	132	N E by E	37	...	Do.
10	29.996	0.117	74.7	67.9	83.9	68.0	135.4	56.4	0.593	69	94	N E by E	25	...	Do.
11	30.021	0.121	74.1	68.5	84.5	62.7	131.0	59.4	0.624	74	119	E N E	37	...	Morning fine : afternoon cloudy.
12	30.035	0.113	77.5	70.0	84.9	71.6	137.4	67.4	0.634	67	262	N E by N	40	0.02	Fine with passing clouds.
13	30.026	0.125	75.5	70.4	86.1	66.1	132.9	58.2	0.677	77	220	N N E	30	...	Do.
14	30.022	0.123	75.2	70.4	86.4	65.0	134.6	58.0	0.680	78	204	N N E	12	...	Fine.
15	30.027	0.123	76.7	72.9	85.7	69.8	134.3	62.1	0.759	83	291	N N E	50	...	Passing clouds.
16	30.010	0.147	76.8	71.5	85.0	69.6	134.3	65.6	0.702	76	271	N N E	43	...	Do.
17	29.973	0.152	76.3	69.5	85.4	68.1	132.9	61.3	0.631	70	240	N N E	23	...	Light clouds.
18	29.960	0.132	73.9	68.2	84.8	64.1	131.8	57.2	0.615	73	143	E N E	2	...	Clear.
19	29.978	0.115	73.9	68.0	84.3	62.6	130.9	56.3	0.607	72	151	N E by E	10	...	Fine.
20	29.998	0.131	74.8	68.7	84.7	65.3	132.4	58.8	0.622	72	212	N N E	30	...	Fine with passing clouds.
21	30.010	0.122	76.4	69.7	85.8	66.3	135.7	60.6	0.637	70	223	N E by N	33	...	Do.
22	29.957	0.102	76.3	69.2	84.6	68.0	133.3	63.1	0.620	69	258	N E by N	30	...	Do.
23	29.887	0.131	77.4	72.4	83.2	74.7	114.2	73.2	0.730	77	222	N E by N	93	...	Overcast.
24	29.899	0.109	73.9	72.8	84.3	73.3	102.3	71.4	0.794	95	229	N E	100	2.64	Overcast with rain.
25	29.938	0.105	76.7	73.4	79.7	76.5	101.7	70.3	0.780	85	258	N E	98	2.11	Do.
26	29.966	0.111	77.5	73.3	83.6	74.3	136.4	72.3	0.765	81	168	E N E	88	...	Cloudy.
27	29.933	0.123	76.7	72.6	84.0	70.3	135.9	66.7	0.747	82	130	N E by E	70	...	Do.
28	29.925	0.107	75.5	71.2	84.1	69.7	133.1	65.1	0.707	80	116	N E by E	30	...	Fine with passing clouds.
29	29.949	0.104	76.6	71.7	84.5	69.7	129.8	65.1	0.712	77	114	E by N	17	...	Fine.
30	29.952	0.120	76.6	72.1	85.4	68.7	137.1	63.6	0.729	79	115	N E by E	40	...	Fine with passing clouds.
31	29.968	0.110	77.5	73.1	85.2	69.9	131.8	65.3	0.757	80	141	E N E	28	...	Do.
Mean	29.984	0.120	75.4	70.2	84.5	67.8	130.9	62.0	0.673	76	180	N E	39	4.77	

Madras Meteorological Observations. 1868—February.

February 1868	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.932	0.123	76.7	72.5	85.1	69.3	132.4	65.0	0.744	81	141	N E by E	33	...	Fine with passing clouds.
2	29.924	0.108	76.4	72.2	83.7	69.1	131.9	65.3	0.735	81	130	East	3	...	Clear.
3	29.910	0.147	77.8	74.3	88.5	71.1	132.9	68.1	0.802	84	177	S S E	15	...	Fine.
4	29.938	0.122	79.7	76.0	90.7	73.7	140.7	70.2	0.840	84	146	S S E	30	0.03	Fine with passing clouds.
5	29.946	0.126	78.5	73.9	86.3	72.5	133.4	70.1	0.776	80	132	E by S	33	...	Do.
6	29.941	0.130	77.5	72.5	84.6	69.9	132.5	65.9	0.733	78	166	East	33	...	Do.
7	29.972	0.102	77.5	71.7	85.0	72.4	135.1	67.8	0.698	74	157	East	27	...	Do.
8	30.025	0.114	74.4	68.6	84.0	65.8	129.6	59.7	0.623	73	113	E by N	2	...	Clear.
9	30.049	0.131	72.6	67.5	83.8	63.5	129.5	56.5	0.607	76	121	N E by E	3	...	Do.
10	30.054	0.122	74.8	68.7	84.8	64.0	130.7	57.9	0.622	72	127	N E by N	12	...	Fine.
11	30.020	0.132	76.0	70.1	86.0	66.8	135.6	60.4	0.658	73	111	N E by E	10	...	Do.
12	29.990	0.131	76.3	70.1	86.1	66.8	138.2	61.0	0.654	72	112	East	15	...	Do.
13	29.991	0.099	75.5	69.8	84.1	65.6	130.3	60.3	0.654	74	109	E S E	8	...	Do.
14	30.021	0.112	74.1	69.9	84.1	64.4	130.5	58.4	0.677	80	94	E S E	2	...	Clear.
15	30.048	0.113	75.6	70.6	85.1	65.0	132.2	59.7	0.683	77	107	E by S	7	...	Fine.
16	30.034	0.146	75.4	71.1	85.8	65.5	130.7	60.9	0.705	80	102	E N E	13	...	Do.
17	30.009	0.124	76.0	71.5	85.8	66.6	134.5	60.1	0.713	79	131	N E	12	...	Do.
18	29.982	0.146	75.0	71.3	85.1	66.2	132.7	61.3	0.718	83	101	E N E	10	...	Do.
19	29.940	0.135	75.1	71.3	85.3	65.3	135.1	59.8	0.717	83	94	E S E	7	...	Do.
20	29.929	0.146	74.4	70.6	86.0	65.0	132.8	60.1	0.699	83	99	S E	0	...	Clear.
21	29.940	0.116	74.6	71.9	83.6	66.3	130.5	62.9	0.747	87	133	S E by S	7	...	Fine.
22	29.936	0.131	76.0	72.9	85.7	67.4	136.6	63.2	0.769	86	105	S E by E	13	...	Do.
23	29.905	0.154	77.2	71.5	85.9	67.8	131.5	63.3	0.696	75	116	S E by E	17	...	Do.
24	29.843	0.147	77.1	71.8	86.1	67.7	134.1	64.0	0.710	76	186	S E by S	7	...	Do.
25	29.845	0.106	77.8	72.8	85.3	69.5	132.1	64.5	0.741	78	179	S S E	12	...	Do.
26	29.867	0.104	76.7	72.2	86.4	67.1	135.2	61.9	0.731	79	120	S E by E	30	...	Fine with light clouds.
27	29.925	0.097	78.4	72.5	87.5	69.1	135.5	64.9	0.721	74	141	E N E	40	...	Fine with passing clouds.
28	29.946	0.125	77.9	72.5	89.1	67.7	136.6	64.5	0.727	77	132	N E	20	...	Do.
29	29.864	0.169	79.3	71.2	95.2	68.2	142.7	64.7	0.658	66	138	N N E	2	...	Clear.
Mean	29.956	0.126	76.4	71.5	86.0	67.6	133.7	62.8	0.709	78	128	East	15	0.03	

Madras Meteorological Observations. 1868—March.

March 1868	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.819	0.150	78.9	66.9	100.2	66.3	145.1	61.8	0.500	51	135	S E by E	12	...	Fine.
2	29.886	0.095	78.1	71.7	88.8	67.5	133.7	62.5	0.693	72	140	S E by E	35	...	Hazy.
3	29.934	0.091	76.8	71.5	89.2	68.0	137.2	63.1	0.702	76	118	S E by E	43	...	Hazy : light clouds.
4	29.890	0.129	77.4	69.9	86.6	67.2	133.8	...	0.632	67	151	East	10	...	Fine.
5	29.826	0.143	75.7	68.2	86.2	65.6	139.8	60.7	0.591	66	125	E S E	20	...	Fine with passing clouds.
6	29.824	0.139	78.0	71.8	89.6	65.3	137.6	60.8	0.699	73	188	S E	3	...	Clear.
7	29.802	0.172	80.3	75.5	92.1	72.1	142.8	68.7	0.819	79	184	S E by S	23	...	Fine with passing clouds.
8	29.840	0.138	82.0	74.9	92.4	73.6	141.3	70.7	0.771	71	202	S E by S	10	...	Fine.
9	29.896	0.136	80.5	74.5	89.5	73.4	139.9	70.5	0.775	74	211	S E by S	20	...	Fine with passing clouds.
10	29.906	0.158	80.1	73.4	88.2	73.3	135.7	70.4	0.734	71	225	S E by S	23	...	Do.
11	29.926	0.115	79.2	72.9	87.5	70.9	135.4	67.9	0.725	73	155	S E	13	...	Fine.
12	29.990	0.113	79.4	72.6	88.7	72.0	135.4	69.6	0.711	71	122	E S E	37	...	Fine with passing clouds.
13	29.993	0.121	79.2	72.3	88.2	72.3	139.6	68.7	0.701	70	103	E by S	49	...	Do.
14	29.945	0.133	77.7	72.8	87.0	69.8	136.0	66.6	0.742	78	118	E S E	13	...	Fine.
15	29.908	0.134	77.3	70.6	86.7	67.3	135.9	64.7	0.661	71	142	S E by S	8	...	Do.
16	29.943	0.112	77.5	71.0	86.8	65.8	136.0	61.9	0.673	71	135	S E	5	...	Do.
17	29.958	0.138	79.2	72.0	87.5	68.1	144.1	64.9	0.689	69	147	S E by E	27	...	Fine with passing clouds.
18	29.922	0.142	79.2	72.4	87.5	71.3	137.6	68.1	0.706	71	196	S E by E	28	...	Do.
19	29.887	0.149	79.5	72.5	88.0	72.3	140.6	69.8	0.706	70	168	E S E	38	...	Do.
20	29.912	0.113	79.3	72.4	87.0	72.7	138.6	69.5	0.704	70	110	E S E	50	...	Passing clouds.
21	29.936	0.121	79.3	72.1	87.4	69.5	136.1	66.9	0.692	69	121	E by S	28	...	Fine with passing clouds.
22	29.951	0.128	79.0	72.3	88.4	70.4	138.9	66.8	0.704	71	117	E by S	23	...	Do.
23	29.924	0.126	79.3	73.0	88.1	68.2	137.5	65.6	0.728	73	132	E by N	10	...	Fine.
24	29.911	0.130	78.6	72.8	88.3	69.2	136.9	66.0	0.729	75	116	S E by E	0	...	Clear.
25	29.911	0.101	78.7	72.8	86.9	68.8	135.7	66.0	0.728	74	116	E S E	0	...	Do.
26	29.916	0.129	80.6	74.1	88.2	70.9	137.6	68.7	0.756	72	162	S E by S	43	...	Hazy.
27	29.939	0.134	81.9	75.9	90.3	74.6	142.6	72.3	0.815	75	162	E S E	69	...	Passing clouds.
28	29.921	0.137	82.4	74.7	89.9	74.6	143.2	71.4	0.757	68	176	S E	53	...	Do.
29	29.912	0.123	81.2	74.8	89.9	75.0	119.6	72.3	0.777	73	165	S S E	83	...	Cloudy.
30	29.912	0.119	79.9	73.0	88.7	73.2	139.3	70.3	0.720	70	165	S E	40	...	Light clouds.
31	29.956	0.132	80.4	74.0	89.4	70.6	140.6	67.9	0.754	72	170	SE by S	30	...	Do.
Mean	29.909	0.129	79.2	72.6	88.8	70.3	137.9	67.2	0.713	71	151	S E by E	27	Nil.	

Madras Meteorological Observations. 1868—April.

April 1868	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.982	0.141	82.7	77.3	89.6	74.9	139.1	72.6	0.865	77	199	S E by E	27	...	Light clouds.
2	29.947	0.166	83.1	77.4	90.5	76.6	142.0	74.7	0.864	76	172	S E	33	...	Fine with passing clouds.
3	29.898	0.125	82.4	76.2	90.3	74.7	139.6	72.0	0.821	74	187	S E by S	3	...	Clear.
4	29.906	0.127	82.7	76.7	89.8	75.7	143.9	73.8	0.839	75	208	S S E	17	...	Fine.
5	29.904	0.119	81.8	76.3	88.6	74.7	138.7	71.8	0.834	77	193	S E by S	10	...	Do.
6	29.892	0.141	82.6	76.1	89.2	76.2	142.4	73.3	0.814	73	221	S E by S	20	...	Do.
7	29.872	0.135	81.7	76.1	88.2	74.0	140.8	70.9	0.827	77	204	S E	13	...	Do.
8	29.850	0.150	81.8	75.0	89.6	74.5	141.3	72.2	0.778	72	213	S E by S	7	...	Clear.
9	29.830	0.144	81.9	75.5	89.9	73.8	137.3	71.6	0.798	73	217	S S E	0	...	Do.
10	29.806	0.129	82.4	76.5	92.3	75.9	140.6	72.7	0.834	75	251	S S E	43	...	Hazy : light clouds.
11	29.812	0.142	83.2	76.5	91.9	75.8	140.5	73.3	0.823	73	205	S E by S	27	...	Fine : light haze.
12	29.834	0.122	82.7	75.7	89.4	75.0	138.3	71.5	0.795	71	226	S E by S	13	...	Fine.
13	29.822	0.140	82.9	76.7	90.9	75.6	140.3	73.6	0.836	74	233	S E by S	20	...	Do.
14	29.813	0.167	83.8	78.8	91.1	77.5	143.2	75.6	0.919	79	245	S E by S	40	...	Passing clouds.
15	29.823	0.131	84.2	78.0	91.4	77.5	140.8	75.2	0.876	75	217	S E by S	22	...	Fine with passing clouds.
16	29.829	0.130	84.5	77.6	91.4	78.7	141.6	77.0	0.854	72	215	S E by S	27	...	Do.
17	29.869	0.149	83.6	77.2	92.5	76.1	141.8	73.9	0.848	73	174	S E	23	...	Do.
18	29.873	0.147	83.8	77.0	92.5	77.3	141.9	75.7	0.837	72	139	S E by E	50	...	Thick haze.
19	29.836	0.156	84.4	77.3	93.4	77.4	145.7	75.9	0.843	72	211	S S E	27	...	Fine with passing clouds.
20	29.784	0.164	87.0	79.4	98.9	80.1	147.6	78.7	0.903	70	260	S by E	23	...	Fine with light clouds.
21	29.775	0.154	87.6	78.6	97.4	79.7	144.6	78.7	0.858	66	187	S by E	67	...	Passing clouds.
22	29.744	0.167	89.4	78.4	101.0	79.5	149.6	78.5	0.824	59	144	S S E	33	...	Fine with passing clouds.
23	29.755	0.116	87.9	78.2	104.6	78.2	152.7	75.9	0.835	63	143	S S E	10	...	Fine.
24	29.811	0.118	85.6	78.8	92.5	80.9	142.2	79.0	0.894	73	272	S S E	10	...	Do.
25	29.799	0.122	85.0	79.4	90.4	79.8	140.1	78.0	0.930	77	282	S S E	18	...	Do.
26	29.760	0.164	87.7	80.4	99.7	81.8	150.7	79.5	0.941	71	268	S by E	52	...	Light clouds.
27	29.729	0.157	89.5	80.9	99.7	83.1	147.9	81.8	0.949	69	293	S by E	10	...	Fine.
28	29.728	0.123	88.1	79.9	100.1	82.8	147.4	81.8	0.911	68	351	S by E	2	...	Clear.
29	29.744	0.148	89.1	80.2	104.1	82.5	151.4	81.2	0.911	66	349	South	32	...	Thick haze.
30	29.767	0.129	90.2	77.0	106.7	82.2	151.1	81.3	0.750	53	223	South	20	...	Light haze.
Mean	29.826	0.141	84.8	77.6	93.9	77.7	143.5	75.7	0.853	72	223	S S E	23	Nil.	

Madras Meteorological Observations. 1868—May.

May 1868	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.775	0.115	89.8	76.2	104.9	80.0	150.7	78.8	0.721	51	169	S S E	0	...	Clear.
2	29.792	0.101	87.4	79.7	101.6	81.8	146.9	80.5	0.911	70	258	S S E	5	...	Do.
3	29.836	0.113	85.8	80.0	92.3	81.9	140.7	80.9	0.947	77	247	SE by S	3	...	Do.
4	29.857	0.117	85.4	78.4	92.0	78.6	139.5	76.6	0.879	72	202	S E	5	...	Do.
5	29.820	0.142	85.4	78.9	93.9	78.2	142.2	76.3	0.902	74	206	SE by S	5	...	Do.
6	29.758	0.170	86.7	80.1	93.4	80.6	140.9	79.1	0.939	74	250	S S E	10	...	Fine.
7	29.753	0.126	87.8	79.5	96.3	81.4	142.7	79.9	0.897	68	225	S S E	27	...	Fine with passing clouds.
8	29.797	0.127	87.9	80.1	94.3	84.0	141.5	81.9	0.923	70	249	S S E	63	...	Passing clouds.
9	29.803	0.145	86.5	80.5	93.4	83.4	142.3	82.0	0.961	76	302	S S E	48	...	Fine with passing clouds.
10	29.751	0.175	89.4	78.0	102.0	83.0	148.8	81.1	0.806	58	275	S by E	10	...	Fine.
11	29.735	0.137	88.7	79.9	99.8	83.6	143.0	82.0	0.902	67	283	S by E	3	...	Clear.
12	29.760	0.094	87.6	80.1	95.4	82.7	140.2	81.1	0.928	71	352	S S E	17	...	Fine.
13	29.805	0.138	86.6	80.6	93.4	82.3	140.3	81.2	0.964	76	331	S S E	27	...	Light clouds.
14	29.799	0.084	86.1	80.8	94.0	82.0	141.1	80.2	0.981	70	261	S S E	30	...	Fine with passing clouds.
15	29.830	0.112	86.5	78.5	95.0	81.7	144.5	80.0	0.868	68	248	SE by S	27	...	Light haze.
16	29.892	0.089	85.8	79.3	92.4	81.1	140.3	79.2	0.914	74	183	S E	23	...	Light clouds.
17	29.908	0.110	84.4	78.4	91.0	78.7	138.7	76.9	0.892	75	148	S E	30	...	Do.
18	29.870	0.133	85.2	79.7	93.1	79.2	146.3	78.1	0.941	78	162	S E	47	...	Passing clouds.
19	29.801	0.122	85.4	81.4	93.6	78.0	139.5	75.7	1.019	83	226	SE by S	22	...	Fine with light haze.
20	29.787	0.121	86.6	81.3	93.2	82.3	144.7	81.0	0.999	79	306	S S E	27	...	Fine with passing clouds.
21	29.789	0.123	86.1	79.8	96.5	81.8	142.7	80.7	0.933	75	205	S E	53	...	Passing clouds.
22	29.796	0.109	85.1	77.5	100.9	80.0	148.7	79.1	0.842	69	187	S S E	57	...	Cloudy.
23	29.792	0.147	85.4	79.4	93.2	80.1	139.5	78.9	0.924	76	196	SE by S	15	...	Fine.
24	29.737	0.139	86.6	80.6	93.5	81.8	139.6	80.3	0.964	76	200	SE by S	23	...	Fine with passing clouds.
25	29.738	0.101	87.5	78.3	97.1	81.7	137.4	80.2	0.846	64	174	S E by S	30	...	Fine with light clouds.
26	29.751	0.114	86.0	79.1	94.2	79.0	139.8	77.1	0.902	72	160	SE by E	50	...	Passing clouds.
27	29.738	0.102	86.1	79.2	93.3	79.1	139.9	77.2	0.905	72	162	S E	33	...	Fine with passing clouds.
28	29.692	0.098	87.3	79.4	100.0	79.2	146.4	77.0	0.898	69	176	S E	33	...	Light clouds.
29	29.663	0.130	87.8	79.0	95.3	81.7	143.3	80.3	0.915	69	274	S S E	23	...	Fine with light clouds.
30	29.653	0.141	88.3	80.3	97.5	82.8	141.0	81.7	0.927	69	277	S S E	18	...	Fine.
31	29.671	0.107	86.6	79.9	94.4	83.0	140.0	81.8	0.932	71	283	SE by S	12	...	Do.
Mean	29.779	0.122	86.7	79.5	95.5	81.1	142.4	79.6	0.912	72	232	SE by S	25	Nil.	

Madras Meteorological Observations. 1868—June.

June 1868	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.693	0.131	86.4	79.3	94.0	80.3	141.0	78.5	0.907	72	181	S E	33	...	Fine with passing clouds.
2	29.654	0.139	86.6	80.0	94.8	80.3	139.8	78.7	0.936	74	157	S E by E	43	...	Passing clouds.
3	29.619	0.117	84.8	79.7	92.4	81.7	123.6	80.2	0.948	79	127	East	82	0.64	Showery.
4	29.549	0.143	79.4	77.2	86.1	76.3	103.2	75.7	0.905	90	86	N N W	100	4.08	Overcast : heavy rain.
5	29.463	0.122	81.1	77.0	88.1	76.8	127.3	75.6	0.874	83	184	W by S	100	0.18	Overcast.
6	29.459	0.101	84.2	78.3	93.1	79.0	133.0	77.5	0.890	75	319	S by W	92	...	Do.
7	29.555	0.092	85.9	78.9	99.5	79.9	141.9	78.5	0.895	72	277	S by W	78	...	Cloudy.
8	29.653	0.112	85.2	77.3	93.7	80.0	139.5	78.4	0.831	68	274	South	70	...	Light clouds.
9	29.701	0.102	85.6	78.4	96.1	80.2	143.4	79.1	0.877	71	247	S by E	40	...	Do.
10	29.740	0.081	85.2	77.9	95.9	81.5	131.0	80.4	0.859	71	197	South	90	...	Overcast.
11	29.750	0.104	85.0	77.6	99.2	82.0	134.3	81.2	0.848	70	219	S S W	97	0.13	Do.
12	29.747	0.134	84.0	77.2	93.9	79.3	133.8	77.0	0.843	72	176	S by E	88	0.29	Do.
13	29.773	0.116	84.1	77.9	93.4	79.0	125.5	77.7	0.873	75	157	S S E	90	...	Do.
14	29.802	0.093	84.4	76.6	96.0	80.8	137.2	79.4	0.812	69	219	S S W	93	...	Do.
15	29.805	0.088	84.7	76.4	91.4	78.9	115.2	77.9	0.799	67	179	S W by S	97	...	Do.
16	29.801	0.162	83.9	76.1	100.0	79.6	144.3	78.1	0.797	68	233	S S W	67	0.75	Cloudy with rain.
17	29.819	0.126	84.1	74.4	95.4	78.0	141.8	77.2	0.721	61	287	S W	78	...	Cloudy.
18	29.824	0.129	82.8	76.0	98.3	76.1	146.3	74.3	0.807	72	181	S S W	37	0.10	Fine with passing clouds.
19	29.807	0.155	85.1	74.8	100.4	79.1	146.1	75.7	0.725	60	243	S W	52	0.80	Passing clouds : rain.
20	29.831	0.127	83.3	76.1	97.4	75.8	138.6	74.4	0.805	70	225	S S W	30	...	Fine with passing clouds.
21	29.791	0.161	87.7	75.1	100.0	78.3	137.5	75.4	0.702	54	216	SW by W	37	...	Do.
22	29.753	0.138	87.7	74.5	101.1	79.4	139.6	77.4	0.677	52	236	S W	13	...	Fine.
23	29.755	0.123	87.3	76.7	100.1	81.1	143.1	80.8	0.777	60	250	S W	20	...	Fine with passing clouds.
24	29.779	0.120	86.5	76.7	98.0	82.0	141.4	81.3	0.788	62	227	S by W	43	...	Fine with light clouds.
25	29.773	0.130	87.3	77.7	100.3	81.6	145.7	80.6	0.822	64	233	S S W	67	...	Passing clouds.
26	29.756	0.120	86.6	77.2	100.9	79.6	145.0	77.5	0.808	63	225	SW by S	60	...	Do.
27	29.719	0.114	86.2	77.5	101.4	81.0	141.6	79.2	0.827	66	237	S S W	73	...	Cloudy.
28	29.736	0.077	82.8	75.9	99.4	80.4	130.7	79.2	0.802	71	243	S W	93	0.22	Overcast.
29	29.764	0.116	84.6	76.8	100.9	78.7	144.9	77.1	0.818	69	227	SW by S	83	...	Cloudy.
30	29.759	0.131	86.1	76.2	99.0	79.6	145.0	78.7	0.771	61	215	S S W	53	...	Light clouds.
Mean	29.721	0.120	85.0	77.0	96.7	79.5	136.7	78.1	0.825	69	216	S S W	67	7.19	

Madras Meteorological Observations. 1868—July.

July 1868	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.							
									Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.771	0.100	86.0	74.6	96.6	80.9	149.6	79.6	0.704	57	192	S S W	69	...	Passing clouds.
2	29.776	0.101	86.4	76.3	96.6	81.4	139.9	79.5	0.772	61	195	South	23	...	Fine with passing clouds.
3	29.782	0.110	86.8	75.7	102.1	78.8	150.6	77.9	0.740	58	252	S S W	50	...	Passing clouds.
4	29.750	0.112	86.0	76.0	100.5	79.2	145.5	78.3	0.764	61	213	S by W	67	...	Cloudy.
5	29.729	0.111	87.5	75.1	96.8	80.8	134.4	79.3	0.705	54	176	South	89	...	Do.
6	29.750	0.082	84.1	74.8	93.4	80.4	124.7	79.5	0.738	63	188	S W by S	97	...	Overcast.
7	29.750	0.096	83.9	76.5	90.2	80.0	112.5	79.2	0.814	70	163	S by E	78	...	Cloudy.
8	29.738	0.114	83.2	77.1	93.0	77.5	143.2	75.2	0.850	75	161	S S E	80	...	Do.
9	29.705	0.104	84.5	78.0	97.9	78.4	139.0	77.0	0.872	74	225	S by W	23	...	Fine with passing clouds.
10	29.681	0.117	81.3	77.2	93.0	71.9	137.1	70.7	0.880	83	211	S S W	69	3.12	Cloudy : heavy rain.
11	29.737	0.070	82.6	77.1	89.5	78.6	131.4	77.1	0.858	77	142	S W by S	87	...	Cloudy.
12	29.786	0.102	81.5	76.3	86.4	76.4	113.8	74.9	0.838	78	96	S W	98	0.03	Overcast.
13	29.790	0.089	78.8	74.8	81.8	77.5	91.7	75.0	0.810	82	94	S W	100	0.12	Do.
14	29.757	0.123	78.4	74.9	82.8	74.6	100.8	73.0	0.819	84	144	S W	100	0.06	Do.
15	29.772	0.141	78.4	74.2	84.6	74.7	108.0	73.2	0.790	81	203	S W	100	0.12	Do.
16	29.771	0.129	83.5	75.0	96.1	75.5	132.4	73.4	0.755	65	192	S W	57	...	Passing clouds.
17	29.751	0.145	85.8	76.4	97.5	78.0	138.3	75.5	0.781	63	174	S W by S	57	...	Do.
18	29.729	0.139	83.5	76.3	91.6	78.1	117.0	76.4	0.811	70	127	S S W	99	...	Overcast.
19	29.696	0.130	83.3	76.9	94.0	77.3	136.5	75.2	0.839	73	153	South	50	...	Not recorded.
20	29.661	0.103	85.0	76.5	98.7	78.5	149.8	76.1	0.799	66	204	S by W	53	...	
21	29.655	0.086	84.4	75.7	97.2	79.6	137.6	76.6	0.772	65	200	S S W	82	...	
22	29.689	0.108	84.7	75.4	95.5	78.1	135.5	75.5	0.756	63	198	S W	95	0.03	
23	29.739	0.117	84.1	76.2	98.2	78.5	143.5	74.7	0.798	68	170	S S W	43	...	
24	29.767	0.108	84.1	76.8	94.7	78.0	147.7	75.7	0.824	71	146	South	69	...	
25	29.748	0.137	81.6	77.3	91.6	75.3	135.4	75.1	0.880	82	186	S W by W	67	3.47	
26	29.733	0.103	82.2	77.0	86.8	78.0	110.0	76.1	0.859	78	145	S W by S	87	0.04	
27	29.769	0.063	78.2	74.3	86.2	74.7	109.8	72.5	0.796	82	211	SW by W	100	0.34	
28	29.717	0.114	80.5	74.0	90.4	74.3	131.2	71.3	0.753	72	169	W by S	99	0.17	
29	29.685	0.129	82.9	76.3	89.8	76.6	126.0	73.6	0.819	73	144	West	100	...	
30	29.709	0.090	85.0	75.4	94.2	77.9	139.5	74.2	0.752	62	189	W S W	83	...	
31	29.765	0.128	84.6	76.0	95.8	77.9	141.9	73.8	0.783	66	168	S W	57	...	
Mean	29.737	0.110	83.3	75.9	93.0	77.7	130.5	75.6	0.798	70	175	SW by S	73	7.50	

Madras Meteorological Observations. 1868—August.

August 1868	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.760	0.172	84.3	76.9	96.7	75.5	143.4	74.3	0.826	70	170	S W	83	0.23	} Not recorded.
2	29.782	0.102	83.7	77.2	89.2	80.1	136.3	77.8	0.847	73	254	S S W	87	0.03	
3	29.782	0.104	77.6	74.0	93.9	73.8	150.8	72.2	0.793	84	262	S W by S	92	0.91	Cloudy with rain.
4	29.784	0.096	79.2	74.9	87.3	73.6	128.4	73.4	0.809	81	195	W by S	100	0.26	Overcast with rain.
5	29.746	0.107	79.4	74.4	89.4	73.4	134.5	72.9	0.785	78	185	W by S	98	1.30	Do.
6	29.635	0.147	82.9	76.3.	91.9	73.4	138.2	73.6	0.819	73	150	West	97	...	Overcast.
7	29.624	0.105	84.1	76.7	94.4	77.8	145.2	75.3	0.820	70	232	S W	70	0.05	Passing clouds.
8	29.676	0.113	85.2	76.8	95.7	76.9	141.4	73.5	0.809	66	208	S W by S	47	...	Fine with passing clouds.
9	29.689	0.133	86.7	75.0	96.7	78.6	147.8	73.4	0.711	56	218	SWbyW	57	...	Passing clouds.
10	29.737	0.135	87.9	75.9	98.9	78.5	141.7	72.8	0.734	56	283	W S W	30	...	Light clouds.
11	29.744	0.139	88.5	75.4	97.8	81.1	143.0	77.0	0.705	52	279	W S W	63	0.05	Passing clouds.
12	29.767	0.121	85.8	76.5	97.7	78.7	145.8	74.5	0.788	64	256	W by S	70	0.03	Do.
13	29.772	0.133	84.7	76.3	99.2	79.6	143.0	75.3	0.794	66	208	W S W	83	0.03	Cloudy.
14	29.767	0.148	85.4	75.8	97.6	80.1	143.3	74.6	0.764	63	206	South	40	...	Passing clouds.
15	29.785	0.132	85.0	77.5	98.6	80.2	143.3	77.7	0.844	70	150	South	60	...	Do.
16	29.764	0.175	86.6	76.6	98.5	77.9	140.7	76.7	0.782	62	223	S W	63	0.14	Do.
17	29.749	0.137	87.1	75.9	98.5	80.4	145.8	75.9	0.744	57	216	S W by S	63	0.13	Do.
18	29.787	0.118	84.6	74.8	97.0	77.8	142.5	72.1	0.731	61	184	S W	67	0.11	Do.
19	29.785	0.132	84.3	75.8	96.8	77.9	145.7	73.0	0.778	66	180	South	33	...	Fine with passing clouds.
20	29.759	0.127	85.2	76.9	96.4	78.7	146.8	74.6	0.814	67	180	S by E	27	...	Do.
21	29.729	0.117	85.9	77.2	100.9	79.7	150.6	75.6	0.817	65	178	S by E	37	...	Do.
22	29.737	0.102	85.6	77.2	98.1	79.9	147.9	77.9	0.821	66	162	S by E	60	...	Light clouds.
23	29.765	0.111	85.9	76.5	97.7	78.8	151.7	75.2	0.787	63	160	S by E	47	...	Fine with passing clouds.
24	29.799	0.142	84.9	77.0	99.3	78.1	145.9	76.7	0.822	68	184	S S W	70	...	Cloudy.
25	29.798	0.142	86.0	77.3	98.4	78.5	147.4	74.0	0.820	65	128	S by E	40	...	Hazy.
26	29.813	0.138	83.9	75.2	92.0	76.8	119.6	75.9	0.758	64	163	S W	93	...	Overcast.
27	29.763	0.138	85.6	76.7	101.8	78.3	153.5	73.9	0.799	65	156	S by W	67	...	Passing clouds.
28	29.742	0.144	85.4	76.4	99.1	78.8	143.6	75.1	0.789	64	140	S WbyW	80	0.12	Cloudy.
29	29.746	0.120	75.6	74.0	76.4	75.0	86.4	74.4	0.820	93	147	West	100	0.94	Overcast with rain.
30	29.701	0.096	79.8	74.0	86.9	74.0	124.8	73.4	0.763	76	183	W by S	100	0.17	Do.
31	29.810	0.089	80.7	74.8	91.8	73.7	139.8	71.6	0.783	74	151	S by E	70	...	Cloudy.
Mean	29.751	0.126	84.1	76.0	95.3	77.6	140.6	74.7	0.790	68	193	S W by S	68	4.50	

Madras Meteorological Observations. 1868—September.

September 1868	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Dirce- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.876	0.134	81.7	77.0	93.1	74.6	142.2	73.5	0.866	80	114	South	43	...	Passing clouds.
2	29.879	0.128	82.5	77.0	94.5	76.2	146.0	73.6	0.855	77	128	S S E	43	...	Do.
3	29.828	0.154	82.6	76.1	95.6	74.5	151.2	72.5	0.813	73	169	S by W	33	...	Fine with passing clouds.
4	29.813	0.119	82.5	75.7	95.5	75.6	145.7	73.8	0.798	72	181	S W by S	53	...	Passing clouds.
5	29.798	0.134	82.3	76.0	97.3	76.8	149.5	74.9	0.815	74	188	S S W	65	0.62	Showery.
6	29.801	0.121	79.3	74.6	87.2	72.6	122.6	71.1	0.795	79	200	West	95	1.46	Overcast with rain.
7	29.783	0.143	81.5	76.1	93.7	76.7	152.2	75.0	0.829	77	139	W by S	87	0.21	Cloudy.
8	29.784	0.116	79.7	74.5	86.9	73.4	113.9	73.8	0.785	77	182	W by S	90	0.15	Do.
9	29.759	0.144	81.8	74.6	91.9	75.8	136.2	73.5	0.761	70	164	W by N	85	0.07	Do.
10	29.729	0.141	81.9	74.9	90.3	76.4	143.9	74.6	0.772	71	220	W S W	92	0.11	Do.
11	29.718	0.110	82.0	75.1	89.7	76.8	136.2	74.4	0.779	71	184	West	87	...	Do.
12	29.693	0.126	83.9	75.7	91.8	78.6	127.4	75.7	0.779	67	192	W S W	83	...	Do.
13	29.689	0.127	84.6	76.1	96.0	78.3	146.5	74.6	0.787	66	175	South	47	...	Passing clouds.
14	29.710	0.104	84.6	77.3	98.4	78.4	150.2	74.6	0.840	70	160	S by E	27	...	Fine with passing clouds.
15	29.720	0.120	84.7	75.7	98.7	75.6	145.2	70.8	0.768	64	190	S by W	30	...	Do.
16	29.714	0.125	84.7	76.8	98.1	77.5	144.9	74.6	0.816	68	190	S by E	67	...	) Not recorded.
17	29.702	0.116	85.3	76.3	97.2	78.6	147.4	74.6	0.786	64	176	S E by S	53	...	
18	29.708	0.149	87.8	75.3	99.5	79.8	145.8	76.7	0.710	54	134	S S W	50	...	
19	29.738	0.116	83.4	75.2	101.4	80.3	147.1	75.8	0.765	66	224	S W by S	67	0.40	) Not recorded.
20	29.741	0.168	85.3	76.1	96.2	77.2	140.1	74.2	0.778	64	258	S W	67	...	
21	29.751	0.132	85.1	76.9	99.9	79.8	151.8	76.4	0.815	67	208	S W	55	0.15	
22	29.803	0.117	83.4	76.0	99.5	79.2	148.7	77.3	0.799	70	158	S by W	73	0.39	) Not recorded.
23	29.785	0.143	84.5	77.8	96.6	76.2	144.3	75.5	0.865	73	191	S by E	53	...	
24	29.768	0.052	86.0	77.1	95.9	80.7	147.9	77.4	0.811	65	137	E by S	63	0.10	
25	29.780	0.094	84.8	77.2	94.8	78.5	146.3	75.6	0.833	70	120	S S E	77	...	Cloudy.
26	29.814	0.126	84.1	77.8	92.3	78.2	144.3	75.5	0.860	74	133	S E	67	...	) Not recorded.
27	29.845	0.148	83.7	78.4	91.7	77.9	141.6	74.8	0.902	78	168	S E by S	22	...	
28	29.851	0.143	83.4	77.3	89.1	78.0	140.6	75.0	0.856	75	197	S E by S	17	...	
29	29.815	0.169	84.4	77.9	94.9	77.3	144.2	75.1	0.869	74	204	S S E	13	...	) Not recorded.
30	29.805	0.145	82.7	76.8	93.1	79.5	146.2	77.0	0.843	75	100	S S E	63	...	
Mean	29.773	0.129	83.5	76.3	94.7	77.3	143.0	74.7	0.812	71	173	S by W	59	3.66	

Madras Meteorological Observations. 1868—October.

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October 1868	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	luches	Cents	Miles	Points	Cents	Inches	
1	29.820	0.152	82.9	77.6	91.7	76.7	145.6	73.7	0.877	78	164	S by E	50	0.32	F. p. cl. : thunderstorm.
2	29.806	0.153	83.6	77.6	94.1	77.1	143.2	74.8	0.867	75	156	South	40	...	Fine with passing clouds.
3	29.817	0.138	84.1	78.3	95.7	76.5	139.5	75.3	0.892	76	181	S by W	43	...	Passing clouds
4	29.815	0.127	84.3	77.5	99.1	80.1	150.2	78.3	0.853	73	153	S by E	30	...	Passing clouds : th.
5	29.812	0.126	84.4	78.0	97.4	76.7	146.9	73.4	0.873	74	132	S by E	27	...	Light clouds
6	29.782	0.145	84.8	79.1	93.2	78.5	141.2	74.7	0.918	77	158	S E	27	...	Fine with passing clouds.
7	29.773	0.132	84.9	78.6	98.4	76.7	151.0	72.2	0.894	75	135	S S E	52	...	Light clouds.
8	29.782	0.111	85.4	75.9	94.8	77.7	148.3	76.1	0.768	63	178	N N W	83	...	Cloudy.
9	29.814	0.082	84.3	76.7	95.9	77.5	155.8	74.6	0.818	70	129	N E by E	75	...	Do.
10	29.851	0.119	83.5	74.0	92.6	76.7	140.6	73.9	0.713	62	114	E N E	37	...	Fine with passing clouds.
11	29.871	0.081	82.8	74.8	91.7	72.4	139.4	68.9	0.756	67	113	E N E	13	...	Fine.
12	29.879	0.093	83.3	75.4	92.6	74.9	141.2	71.8	0.777	67	152	E N E	10	...	Do.
13	29.873	0.125	83.6	75.7	91.7	75.8	142.2	73.0	0.793	68	138	N E by E	13	...	Do.
14	29.883	0.131	84.0	77.0	92.5	76.2	143.9	73.7	0.834	72	109	E N E	47	...	Light clouds.
15	29.890	0.116	84.0	76.7	92.4	77.9	139.5	76.1	0.821	71	109	E by N	32	...	Fine with passing clouds.
16	29.907	0.120	83.7	77.1	91.1	76.5	141.4	73.8	0.843	73	124	E by S	45	0.23	Passing clouds : lg. S. E.
17	29.913	0.131	80.7	76.3	88.9	76.6	140.9	76.3	0.848	80	97	E N E	70	1.67	Cloudy with rain.
18	29.913	0.106	80.8	76.5	88.3	76.6	139.2	73.4	0.856	82	112	E N E	77	0.59	Do.
19	29.938	0.125	76.9	74.9	79.5	75.9	87.2	74.7	0.840	91	88	N N W	82	0.82	Cloudy : lg. N. W.
20	29.922	0.112	78.3	76.9	82.4	74.0	130.1	72.6	0.907	93	124	N by E	90	0.68	Cloudy : th. and lg. N.
21	29.915	0.097	76.8	75.1	82.4	72.9	96.7	72.4	0.850	92	74	N by E	87	1.08	Cloudy.
22	29.889	0.102	80.0	75.5	88.2	74.0	137.0	71.4	0.823	80	118	N E by N	47	...	Light clouds.
23	29.875	0.110	79.7	74.9	85.7	73.8	136.0	71.1	0.801	79	97	N E by N	30	...	Do.
24	29.882	0.118	79.2	73.1	88.1	71.9	136.0	68.4	0.734	74	137	N by E	23	...	Fine with passing clouds.
25	29.851	0.127	79.9	74.0	87.7	71.7	138.4	67.8	0.761	74	163	N by E	67	...	Passing clouds.
26	29.849	0.089	78.4	74.4	84.8	76.4	103.3	73.0	0.799	82	239	North	98	0.23	Overcast : lg. S. E.
27	29.905	0.084	76.5	74.9	81.5	75.3	125.0	74.0	0.845	93	202	N N E	97	1.30	Overcast with rain.
28	29.921	0.133	81.2	77.2	88.5	74.4	136.8	73.4	0.881	83	178	N by E	60	0.21	Passing clouds.
29	29.923	0.119	82.6	76.3	88.9	79.0	141.3	74.7	0.823	74	174	N E by N	67	...	Do.
30	29.898	0.131	81.4	75.1	88.5	74.5	136.7	71.2	0.788	73	190	N N E	73	...	Cloudy.
31	29.880	0.111	78.0	75.3	87.5	76.9	141.2	74.1	0.842	88	168	N E by E	90	1.15	Cloudy : rain : lg. N.
Mean	29.866	0.118	81.7	76.1	90.3	75.9	136.6	73.3	0.829	77	142	E N E	54	8.28	

Madras Meteorological Observations. 1868—November.

November 1868	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.907	0.129	77.9	75.4	82.5	75.3	115.8	73.8	0.848	89	112	N E	85	1.48	Cloudy with rain.
2	29.912	0.100	79.6	76.1	87.3	74.8	135.9	72.8	0.855	85	185	N E by E	75	0.32	Cloudy : th. and lg. N.
3	29.941	0.095	78.2	75.5	83.4	75.6	119.8	73.5	0.847	88	105	N by E	83	0.47	Cloudy.
4	29.913	0.116	77.4	75.4	81.2	73.8	97.8	73.0	0.855	91	164	N N W	98	0.03	Overcast.
5	29.798	0.133	78.4	74.4	80.7	76.4	106.4	73.8	0.798	82	259	N N W	100	0.03	Do.
6	29.727	0.104	78.0	72.4	81.1	75.8	114.5	73.7	0.722	75	296	N N W	100	...	Do.
7	29.742	0.075	76.4	69.1	79.6	74.3	110.0	72.2	0.615	68	271	NW by N	97	...	Do.
8	29.779	0.132	76.7	69.6	85.5	71.0	131.4	67.1	0.630	69	187	N by W	13	...	Fine.
9	29.776	0.058	75.7	69.3	86.4	65.4	133.8	59.9	0.631	71	120	N by W	50	...	Fine with light clouds.
10	29.796	0.146	75.6	70.1	90.1	66.4	136.0	61.5	0.664	75	92	S W	47	...	Light clouds.
11	29.851	0.108	77.2	71.7	91.2	68.1	137.6	61.7	0.704	75	123	S S E	22	...	Fine with light clouds.
12	29.909	0.125	79.1	74.2	91.1	71.3	144.5	66.4	0.781	78	122	South	20	...	Do.
13	29.916	0.124	78.5	74.2	91.5	71.4	146.6	66.8	0.789	81	105	S S E	17	...	Fine.
14	29.927	0.132	78.9	73.7	91.0	71.7	145.4	66.9	0.763	77	95	S E by E	12	...	Do.
15	29.963	0.100	79.4	72.8	87.5	70.7	135.7	66.5	0.720	72	132	East	30	...	Fine with light clouds.
16	30.037	0.102	78.7	69.2	86.3	70.4	134.9	63.8	0.588	60	200	N E	23	...	Do.
17	30.046	0.114	76.1	68.0	87.5	66.1	140.7	59.6	0.578	64	164	N N E	8	...	Fine.
18	30.023	0.106	75.1	67.5	87.0	64.8	138.5	57.2	0.575	66	116	N N E	13	...	Do.
19	29.990	0.134	75.6	67.7	86.3	65.0	144.7	58.2	0.573	64	139	N by E	2	...	Clear.
20	29.977	0.111	75.5	68.3	85.7	65.5	137.4	58.4	0.597	67	161	N N E	8	...	Fine.
21	29.981	0.089	76.8	68.2	85.0	67.5	138.2	62.0	0.576	62	203	N N E	43	...	Fine with light clouds.
22	29.989	0.070	77.8	67.8	86.0	69.2	139.4	63.7	0.547	58	205	N E by N	40	...	Do.
23	30.014	0.105	75.9	67.8	86.0	66.2	142.9	59.5	0.573	64	173	N N E	50	...	Do.
24	30.018	0.118	74.5	67.5	85.0	66.0	138.9	60.3	0.581	68	170	N by E	43	...	Do.
25	30.034	0.119	75.6	68.2	85.1	67.1	138.3	61.0	0.592	66	192	N N E	38	...	Fine with passing clouds.
26	30.018	0.119	75.4	68.5	85.9	67.7	139.3	62.4	0.605	69	199	N N E	27	...	Fine with light clouds.
27	29.978	0.127	77.2	72.2	87.1	67.9	143.7	62.7	0.724	77	217	North	67	...	Passing clouds.
28	29.993	0.086	77.0	74.6	84.2	74.9	127.9	73.7	0.826	89	169	N E	98	0.82	Overcast with rain.
29	30.015	0.112	77.9	75.5	85.0	76.6	129.3	74.0	0.852	89	143	E N E	97	1.61	Do.
30	29.975	0.126	77.4	74.7	84.6	74.1	134.4	73.0	0.825	88	199	N N E	95	0.24	Do.
Mean	29.932	0.111	77.1	71.3	85.9	70.4	132.7	66.0	0.694	74	167	N E	50	4.98	

: : Madras Meteorological Observations. 1868—December.

December 1868	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.960	0.120	78.2	73.4	84.7	73.9	135.1	72.0	0.760	79	243	N E	45	0.52	Fine with light clouds : rain.
2	30.014	0.094	76.9	71.4	84.5	72.0	133.7	68.1	0.696	75	257	N E by N	60	...	Light passing clouds.
3	30.030	0.092	77.5	72.2	82.8	75.0	132.7	72.5	0.721	76	285	N by E	92	...	Cloudy.
4	30.047	0.085	78.8	72.6	84.2	75.8	135.0	73.0	0.719	73	316	N N E	57	...	Passing clouds.
5	30.053	0.096	76.2	70.5	83.2	69.4	133.4	65.6	0.673	74	229	N N E	47	...	Do.
6	30.047	0.128	74.8	70.8	84.9	68.7	137.6	65.1	0.701	81	160	N by E	37	...	Fine with passing clouds.
7	30.005	0.121	75.9	71.1	84.8	69.6	138.2	65.4	0.699	78	211	N by E	27	...	Do.
8	29.987	0.122	75.6	69.7	84.1	69.7	135.5	65.4	0.649	73	238	N by E	20	...	Fine.
9	29.983	0.119	72.1	67.0	82.8	64.7	137.5	58.1	0.595	76	174	N N E	8	...	Do.
10	29.989	0.120	73.7	68.8	84.2	65.6	136.3	60.0	0.639	76	116	N N E	10	...	Do.
11	29.956	0.125	73.3	68.5	84.5	66.0	140.1	60.0	0.636	78	94	N E by E	23	...	Fine with light clouds.
12	29.939	0.105	70.9	66.9	81.7	61.3	131.8	53.6	0.608	80	80	E by S	37	...	Light clouds.
13	29.970	0.103	71.9	67.1	82.9	61.5	133.2	55.1	0.602	77	97	E by S	43	...	Passing clouds.
14	30.020	0.114	74.4	69.5	84.9	65.1	136.0	61.1	0.656	77	104	E N E	40	...	Do.
15	30.033	0.110	75.9	69.2	84.5	66.4	135.6	62.1	0.625	70	203	N E by N	43	...	Do.
16	30.054	0.103	78.1	69.8	84.6	73.2	135.9	68.6	0.618	64	320	N E by N	50	...	Do.
17	30.078	0.085	78.0	70.7	84.5	75.4	142.5	73.0	0.655	69	316	N N E	68	...	Do.
18	30.046	0.133	74.8	68.8	85.3	70.5	145.6	66.3	0.625	72	217	N N E	47	...	Light clouds.
19	30.023	0.137	74.1	69.0	85.3	66.0	136.8	59.8	0.642	76	160	N by E	17	...	Fine.
20	30.020	0.113	76.5	70.5	84.6	67.1	135.4	61.8	0.667	73	214	N N E	33	...	Fine with passing clouds.
21	29.990	0.113	77.3	71.2	84.6	72.0	130.4	70.4	0.683	73	269	N N E	75	...	Cloudy.
22	29.963	0.141	76.0	70.3	85.3	68.8	139.4	64.9	0.666	74	227	N E by N	48	...	Passing clouds.
23	29.968	0.105	75.7	69.1	83.7	68.0	134.5	62.5	0.622	71	246	N E by N	27	...	Fine with passing clouds.
24	29.985	0.131	74.8	67.9	83.7	65.6	136.9	59.8	0.591	68	201	N E by N	33	...	Do.
25	29.989	0.117	75.1	68.2	84.2	65.7	137.2	60.7	0.598	68	131	N E by E	20	...	Fine.
26	29.996	0.113	75.3	70.1	86.3	66.2	141.4	61.9	0.668	76	153	N E	30	...	Fine with passing clouds.
27	29.983	0.079	75.1	70.1	85.9	67.8	137.2	62.0	0.671	77	188	N N E	43	...	Passing clouds.
28	30.002	0.125	74.8	68.3	84.4	64.1	137.1	62.2	0.607	70	187	N N E	43	...	Do.
29	29.989	0.109	76.4	70.1	85.5	67.9	136.2	63.8	0.653	72	169	N N E	63	...	Do.
30	29.983	0.084	74.6	70.6	83.4	67.7	134.5	61.6	0.696	81	134	N E by N	70	...	Do.
31	29.985	0.112	76.7	71.2	85.9	70.1	147.1	65.8	0.691	75	235	N E by N	90	...	Cloudy.
Mean	30.003	0.111	75.5	69.8	84.4	68.4	136.8	63.9	0.656	74	199	N E by N	43	0.52	

Madras Mean Monthly and Annual Meteorological Results in 1868.

	Barometer		Dry Bulb Thermometer				Wet Bulb		Tension of Vapour	Relative Humidity	Sun Maximum	Minimum on Grass	Wind		Rain		Clear Sky	
	Reduced to 32°	Daily Range	Mean	Max.	Min.	Range	Mean	Min.	Inches	By Blanford's Tables			Daily Velocity	Mean Direction	Amount	Days		
	Inches	Inches	°	°	°	°	°	°	Inches	Cents	°	°	Miles	Points	Points	Inches	No.	Cents
January	29.984	0.120	75.4	84.5	67.8	16.7	70.2	66.3	0.673	76	130.9	62.0	180	4	N E	4.77	3	61
February	29.956	0.126	76.4	86.0	67.6	18.4	71.5	67.2	0.709	78	133.7	62.8	128	8	East	0.03	1	85
March	29.909	0.129	79.2	88.8	70.3	18.5	72.6	68.8	0.713	71	137.9	67.2	151	11	S E by E	...	...	73
April	29.826	0.141	84.8	93.9	77.7	16.2	77.6	74.9	0.853	72	143.5	75.7	223	14	S S E	...	...	77
May	29.779	0.122	86.7	95.5	81.1	14.4	79.5	76.9	0.912	72	142.4	79.6	232	13	S E by S	...	...	75
June	29.721	0.120	85.0	96.7	79.5	17.2	77.0	74.1	0.825	69	136.7	78.1	216	18	S S W	7.19	9	33
July	29.737	0.110	83.3	93.0	77.7	15.3	75.9	73.0	0.798	70	130.5	75.6	175	19	S W by S	7.50	10	27
August	29.751	0.126	84.1	95.3	77.6	17.7	76.0	73.2	0.790	68	140.6	74.7	193	19	S W by S	4.50	15	32
September	29.773	0.129	83.5	94.7	77.3	17.4	76.3	73.4	0.812	71	143.0	74.7	173	17	S by W	3.66	10	41
October	29.866	0.118	81.7	90.3	75.9	14.4	76.1	73.5	0.829	77	136.6	73.3	142	6	E N E	8.28	11	46
November	29.932	0.111	77.1	85.9	70.4	15.5	71.3	68.2	0.694	74	132.7	66.0	167	4	N E	4.98	8	50
December	30.003	0.111	75.5	84.4	68.4	16.0	69.8	66.7	0.656	74	136.8	63.9	199	3	N E by N	0.52	1	57
Annual	29.853	0.122	81.1	90.8	74.3	16.5	74.5	71.4	0.772	73	137.1	71.1	182	11	S E	41.43	68	55

Madras Extreme Monthly Meteorological Records in 1868.

	Barometer				Dry Bulb Thermometer				Wet Bulb		Humidity		Sun Thermometer		Grass Thermometer		Wind				Rain	
	Highest		Lowest		Highest		Lowest		Lowest		Lowest		Highest		Lowest		Highest		Lowest		Greatest Fall	
	Inches	Day	Inches	Day	°	Day	°	Day	°	Day	Cents	Day	°	Day	°	Day	Miles	Day	Miles	Day	Inches	Day
January ...	30.126	2	29.832	23	86.4	14	62.6	19	61.6	19	51	1	137.8	7	56.2	5	291	15	94	10	2.64	24
February..	30.122	9	29.781	24	95.2	29	63.5	9	62.8	9	40	29	142.7	29	56.5	9	186	24	94	14	0.03	4
March	30.050	12	29.724	7	100.2	1	65.3	6	60.7	1	33	1	145.1	1	60.7	5	225	10	103	13	...	...
April.....	30.047	1	29.655	27	106.7	30	73.8	9	72.4	8	29	30	152.7	24	70.9	7	351	28	139	18	...	...
May	29.959	17	29.572	30	104.9	1	78.0	19	70.7	1	32	1	150.7	1	75.7	19	352	12	148	17	...	...
June	29.885	20	29.389	6	101.4	27	75.8	20	70.8	22	32	22	146.3	18	74.3	18	319	6	86	4	4.08	4
July	29.841	15	29.602	21	102.1	3	71.9	10	69.7	10	44	5	150.6	3	70.7	10	252	3	94	13	3.47	25
August.....	29.879	26	29.553	7	101.8	27	73.4	5	71.1	31	42	17	133.5	27	71.6	31	283	10	128	25	1.30	5
September	29.941	2	29.612	13	101.4	19	72.6	6	70.4	15	40	18	132.2	7	70.8	15	258	20	100	30	1.46	6
October	29.999	19	29.705	6	99.1	4	71.7	25	69.9	25	43	10	155.8	9	67.8	25	239	26	88	19	1.67	17
November..	30.100	17	29.688	6	91.5	13	64.8	18	63.0	17	44	17	140.6	13	57.2	18	296	6	92	10	1.61	29
December..	30.123	18	29.896	12	80.3	26	61.3	12	61.2	12	57	25	147.1	31	53.6	12	320	16	80	12	0.52	1

Madras Meteorological Observations. 1869—January.

January 1869	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range /			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cent	Miles	Points	Cents	Inches	
1	30.008	0.103	78.6	72.9	86.9	75.7	144.1	73.2	0.734	75	283	N E	83	0.02	Cloudy.
2	30.030	0.113	78.8	74.2	84.4	75.0	126.9	72.9	0.785	80	221	N E by N	80	...	Do.
3	30.061	0.109	79.1	73.9	86.6	74.8	137.4	70.5	0.768	77	232	N E	42	...	Passing clouds.
4	30.064	0.155	75.5	69.9	85.4	69.4	135.4	64.6	0.658	75	167	N E by N	30	...	Fine with passing clouds.
5	30.028	0.135	74.5	69.6	85.3	67.5	138.8	62.4	0.658	77	107	N E	12	...	Fine.
6	30.055	0.118	76.2	70.2	85.0	65.8	135.3	60.2	0.659	73	122	E by N	10	...	Do.
7	30.057	0.136	76.4	71.2	86.7	67.7	141.5	63.8	0.695	76	120	N E by E	17	...	Do.
8	30.032	0.120	76.6	71.6	86.0	69.0	139.5	64.6	0.709	77	122	N E	37	...	Light clouds.
9	30.028	0.127	77.4	71.7	86.6	68.9	139.4	65.3	0.702	75	158	N E by N	25	...	Fine with passing clouds.
10	30.027	0.125	77.1	69.5	84.8	68.9	135.9	65.2	0.623	67	180	N E	55	...	Passing clouds.
11	30.044	0.124	77.2	67.0	85.6	71.3	138.9	65.4	0.526	56	226	N E	43	...	Do.
12	30.044	0.124	75.8	67.8	85.5	67.6	138.5	62.4	0.573	64	177	N E	43	...	Do.
13	30.038	0.119	75.5	69.9	87.1	65.7	141.0	61.1	0.658	75	197	N N E	28	...	Fine with passing clouds.
14	30.064	0.116	76.8	70.6	87.6	67.8	140.6	63.9	0.666	72	200	N N E	33	...	Do.
15	30.109	0.112	77.5	69.9	86.1	69.9	139.8	66.2	0.631	67	255	N E by N	43	...	Do.
16	30.068	0.129	78.1	69.8	86.6	74.9	139.4	71.6	0.618	64	296	N E by N	52	...	Passing clouds.
17	30.036	0.111	76.8	68.1	85.0	71.2	141.1	68.5	0.571	64	221	N E by N	67	...	Do.
18	30.014	0.126	74.6	67.5	85.2	65.3	141.4	60.3	0.580	68	137	N N E	72	...	Cloudy.
19	30.012	0.126	73.3	67.4	84.9	65.8	140.2	61.1	0.594	72	164	N N E	72	...	Do.
20	30.031	0.107	76.6	69.2	86.0	67.2	140.0	62.7	0.615	67	197	N N E	50	...	Passing clouds.
21	30.012	0.138	77.2	70.3	85.5	70.3	136.0	66.0	0.650	69	220	N E by N	70	...	Cloudy.
22	29.968	0.150	76.5	71.0	86.6	68.5	141.4	63.6	0.686	75	181	N E by N	78	...	Do.
23	29.936	0.122	76.1	70.9	85.1	67.4	137.2	63.3	0.688	76	119	N E	82	...	Do.
24	29.947	0.130	75.6	71.1	87.2	67.3	139.8	62.0	0.703	79	128	E N E	85	...	Do.
25	29.934	0.123	75.9	70.9	85.2	66.1	135.4	61.7	0.691	77	110	East	60	...	Do.
26	29.942	0.130	75.9	70.4	86.1	67.2	139.5	63.0	0.671	75	139	East	17	...	Fine with passing clouds.
27	29.956	0.144	75.3	69.7	85.5	65.6	140.1	61.5	0.653	75	113	East	47	...	Do.
28	29.963	0.129	77.4	72.3	85.7	67.3	135.8	63.4	0.726	77	139	E S E	13	...	Fine.
29	29.954	0.093	78.6	73.3	85.6	72.2	135.8	69.3	0.750	77	166	E S E	13	...	Do.
30	29.943	0.153	77.6	72.5	83.4	69.9	140.0	65.2	0.732	78	142	S E	10	...	Do.
31	29.959	0.128	77.7	72.3	86.6	68.6	137.7	64.2	0.720	75	137	S E by S	3	...	Clear.
Mean	30.012	0.125	76.7	70.5	85.9	69.0	138.5	64.8	0.668	73	173	N E by E	44	0.02	

Madras Meteorological Observations. 1869—February.

February 1869	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		San	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.928	0.142	77.5	72.6	86.6	68.6	135.8	64.2	0.736	78	144	S E	7	...	Fine.
2	29.864	0.154	78.5	73.5	88.7	70.0	139.0	65.6	0.760	78	165	S E by S	3	...	Do.
3	29.869	0.136	79.9	74.5	93.9	71.1	142.8	67.2	0.782	76	183	S by E	7	...	Do.
4	29.921	0.130	78.9	73.5	88.2	71.0	132.0	65.6	0.754	76	167	S S E	73	...	Cloudy.
5	29.942	0.134	78.0	73.4	87.3	71.2	139.2	66.2	0.763	80	185	S E by S	50	...	Hazy.
6	29.885	0.150	79.0	73.2	90.9	71.4	141.0	68.0	0.741	75	227	S E by S	47	...	Light clouds.
7	29.838	0.162	79.6	73.8	89.6	72.3	138.7	68.3	0.757	75	221	S S E	13	...	Fine.
8	29.884	0.121	79.8	73.0	86.4	72.6	135.4	69.2	0.722	71	214	S E	20	...	Do.
9	29.883	0.151	79.2	72.2	87.0	72.4	139.8	69.5	0.697	70	196	S E	13	...	Do.
10	29.909	0.113	80.1	73.0	89.8	71.1	140.5	67.4	0.718	70	168	S E by S	5	...	Do.
11	29.964	0.113	81.0	74.6	90.2	72.7	138.3	69.0	0.771	73	169	East	22	...	Fine with passing clouds.
12	29.970	0.138	81.0	73.7	88.9	74.1	142.0	71.4	0.735	70	209	E by N	28	...	Do.
13	29.998	0.114	79.2	71.7	89.3	69.6	141.3	65.3	0.677	68	188	E by N	12	...	Fine.
14	30.029	0.116	76.8	69.4	87.2	65.0	136.1	60.3	0.620	67	167	E N E	3	...	Clear.
15	30.013	0.128	75.7	70.0	87.0	63.8	135.9	59.4	0.658	74	112	E by N	0	...	Do.
16	29.966	0.171	75.6	68.7	87.9	64.8	136.9	60.4	0.610	69	116	S E by E	0	...	Do.
17	29.998	0.132	75.5	69.2	88.9	62.0	137.2	57.2	0.631	71	102	S S E	0	...	Do.
18	29.992	0.109	78.0	70.1	90.5	65.9	140.1	61.4	0.631	65	143	S S E	0	...	Do.
19	29.932	0.111	76.6	70.6	88.4	67.3	136.7	64.1	0.669	73	112	S E	2	...	Do.
20	29.962	0.134	77.1	69.4	88.3	67.1	140.5	63.0	0.617	66	127	E by N	7	...	Fine.
21	29.956	0.134	78.7	70.9	88.9	65.6	138.0	61.7	0.653	67	200	N E by E	10	...	Do.
22	29.960	0.124	81.4	74.8	89.9	74.6	145.7	...	0.775	73	196	E N E	73	...	Cloudy.
23	29.968	0.103	80.5	74.0	90.1	72.7	143.9	69.5	0.753	72	136	E N E	38	...	Fine with passing clouds.
24	30.004	0.099	79.1	71.3	88.4	67.9	139.2	63.6	0.663	67	144	E by N	47	...	Do.
25	30.012	0.129	79.4	71.6	90.1	69.2	137.6	66.3	0.671	67	144	East	20	...	Fine.
26	29.998	0.108	79.4	72.8	90.0	68.9	140.5	64.1	0.720	72	162	N E	80	...	Cloudy.
27	30.000	0.102	80.2	74.0	90.2	71.8	134.4	69.1	0.757	73	103	N E by E	73	...	Do.
28	29.992	0.088	79.6	73.1	89.2	70.4	136.7	66.3	0.729	72	117	East	73	...	Light clouds.
Mean	29.953	0.127	78.8	72.2	89.0	69.5	138.8	65.3	0.706	72	161	E S E	26	NIL.	

Madras Meteorological Observations. 1869—March.

March 1869	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.965	0.152	79.6	73.2	90.1	69.9	139.0	66.5	0.733	72	123	E by S	27	...	Fine with passing clouds.
2	29.929	0.115	80.9	73.4	89.7	70.8	138.0	66.7	0.723	68	159	E S E	7	...	Fine.
3	29.899	0.130	80.2	73.5	88.5	70.3	138.0	65.9	0.737	72	201	S S E	5	...	Do.
4	29.913	0.129	80.3	72.7	89.3	70.9	138.0	66.7	0.703	68	208	S E by S	3	...	Clear.
5	29.925	0.129	81.5	74.8	89.3	71.3	137.7	67.5	0.774	72	205	S E by S	15	...	Fine.
6	29.894	0.131	80.9	73.7	89.3	72.6	140.2	68.7	0.736	70	198	S E by S	53	...	Fine with passing clouds.
7	29.886	0.157	78.9	73.6	87.5	72.4	137.3	69.3	0.760	77	157	S E by E	77	0.04	Cloudy.
8	29.858	0.143	82.4	75.8	90.9	75.9	140.1	73.3	0.804	73	235	S E	47	...	Fine with passing clouds.
9	29.888	0.125	81.9	75.9	89.3	75.1	141.1	73.2	0.815	75	200	S E by S	47	...	Do.
10	29.871	0.138	81.6	74.9	89.3	75.4	138.8	72.6	0.777	72	180	S E	30	...	Do.
11	29.876	0.132	80.6	73.8	88.3	73.3	139.3	70.5	0.744	71	157	S E by E	47	...	Do.
12	29.876	0.126	81.0	74.4	89.6	74.6	140.3	72.6	0.764	72	163	S E by E	47	...	Do.
13	29.891	0.136	81.2	73.8	88.6	73.3	138.5	70.1	0.735	69	138	E S E	30	...	Light clouds.
14	29.871	0.137	81.1	74.2	89.2	72.8	146.2	69.6	0.754	71	164	S E by E	23	...	Do.
15	29.858	0.147	81.4	75.1	91.3	74.5	141.2	71.3	0.788	73	163	S E	58	...	Passing clouds.
16	29.923	0.104	81.9	74.8	89.8	74.5	140.2	71.4	0.768	71	141	S E	30	...	Light clouds.
17	29.918	0.118	81.1	73.6	90.1	73.8	144.0	70.9	0.727	69	124	E S E	60	...	Cloudy.
18	29.883	0.122	80.6	73.1	89.8	71.3	139.3	67.6	0.715	68	139	E S E	43	...	Fine with passing clouds.
19	29.825	0.131	82.2	74.7	93.9	75.4	149.2	73.1	0.760	69	161	S E by E	53	...	Passing clouds.
20	29.833	0.137	82.0	74.1	90.1	72.9	139.6	69.5	0.737	67	180	S E by S	10	...	Fine.
21	29.828	0.122	81.7	75.1	90.1	73.6	140.3	70.1	0.784	73	218	S E	8	...	Do.
22	29.854	0.113	81.5	74.4	89.7	72.8	138.3	68.9	0.757	71	203	S E by S	7	...	Do.
23	29.897	0.097	81.9	74.2	89.1	74.5	140.3	70.8	0.743	68	178	S E by E	17	...	Do.
24	29.899	0.150	82.3	74.9	90.2	74.0	142.3	70.5	0.766	69	177	S E by S	30	...	Fine with passing clouds.
25	29.876	0.135	82.3	74.9	92.0	74.4	141.7	70.9	0.766	69	209	S E by S	13	...	Fine.
26	29.879	0.126	82.8	75.5	90.6	74.1	140.7	70.9	0.785	70	209	S S E	10	...	Do.
27	29.877	0.131	83.5	76.4	96.2	75.6	145.4	72.4	0.816	71	210	S S E	8	...	Do.
28	29.900	0.103	83.0	75.9	92.1	74.6	140.3	72.1	0.800	71	197	S S E	3	...	Clear.
29	29.909	0.109	80.8	74.9	90.1	72.6	139.3	69.4	0.786	74	161	S E by S	3	...	Clear.
30	29.923	0.100	80.8	74.3	89.2	71.9	139.8	68.5	0.762	72	136	S E by S	15	...	Fine.
31	29.938	0.120	82.8	75.0	91.6	72.7	140.4	69.5	0.764	68	139	S E	7	...	Do.
Mean	29.889	0.127	81.4	74.5	90.2	73.3	140.5	70.0	0.761	71	175	S E	27	0.04	

Madras Meteorological Observations. 1869—April.

April 1869	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.946	0.132	81.9	75.0	90.8	74.0	141.0	71.4	0.776	71	126	S E by E	17	...	Fine.
2	29.916	0.165	81.0	75.1	90.6	73.5	140.2	69.9	0.793	74	132	S E by S	5	...	Do.
3	29.868	0.139	80.9	75.2	89.7	71.8	141.8	68.7	0.799	75	149	S E by S	13	...	Do.
4	29.889	0.123	82.0	75.5	90.0	73.2	139.9	70.1	0.796	73	177	S E by S	7	...	Do.
5	29.880	0.139	81.6	75.8	90.7	72.8	139.3	69.3	0.815	76	150	S E by S	10	...	Do.
6	29.831	0.142	84.3	76.1	93.6	74.6	141.2	71.4	0.791	67	176	S E by S	10	...	Do.
7	29.773	0.145	85.2	72.0	101.1	74.5	148.6	72.0	0.608	50	220	S by E	13	...	Do.
8	29.749	0.144	84.5	75.0	94.2	76.0	141.1	73.4	0.780	66	271	S by E	22	...	Light haze.
9	29.766	0.129	84.4	78.7	91.4	78.8	138.1	76.6	0.905	77	250	S E by S	33	...	Fine with passing clouds.
10	29.814	0.118	84.7	79.1	92.1	79.1	141.0	76.6	0.920	77	246	S E by S	47	...	Do.
11	29.872	0.139	83.9	78.2	91.5	78.2	139.7	76.3	0.889	76	233	S E by S	13	...	Fine.
12	29.856	0.143	85.7	78.7	93.5	78.5	139.7	75.8	0.898	72	247	S S E	30	...	Fine with passing clouds.
13	29.802	0.158	86.6	80.8	94.4	81.9	141.0	80.6	0.974	77	271	S S E	35	...	Do.
14	29.779	0.126	87.4	78.9	100.4	82.7	147.9	81.5	0.874	67	271	S by E	17	...	Fine.
15	29.785	0.116	86.0	81.3	92.5	82.9	142.3	81.7	1.017	81	316	S S E	13	...	Do.
16	29.789	0.130	86.3	80.4	92.6	82.3	140.4	80.9	0.959	76	354	S by E	28	...	Hazy.
17	29.782	0.140	86.5	81.1	92.9	82.4	141.1	81.1	0.990	78	322	S by E	47	...	Do.
18	29.788	0.154	86.5	80.7	92.5	82.6	140.4	80.9	0.971	77	313	S by E	17	...	Fine.
19	29.795	0.123	85.9	80.9	92.0	82.1	139.9	80.7	0.989	80	289	S S E	33	...	Fine with passing clouds.
20	29.815	0.124	85.2	79.7	93.7	79.2	141.6	76.9	0.941	78	227	S S E	43	...	Light clouds.
21	29.847	0.114	85.1	78.7	93.9	77.9	144.4	74.8	0.895	74	175	S E by S	43	...	Do.
22	29.854	0.139	83.7	77.5	90.1	80.8	138.1	77.3	0.861	75	144	S E	83	...	Cloudy.
23	29.817	0.135	80.4	77.0	86.4	77.9	109.0	75.7	0.883	85	47	S S E	100	0.12	Overcast.
24	29.773	0.162	84.5	78.5	93.6	77.2	143.4	75.2	0.895	76	138	S E	73	...	Cloudy.
25	29.756	0.124	85.6	79.8	94.8	78.2	142.4	75.3	0.940	77	173	S E	40	...	Hazy.
26	29.774	0.093	85.7	79.8	94.3	78.9	142.5	76.7	0.938	76	173	S E by S	57	...	Fine with passing clouds.
27	29.788	0.124	85.6	78.6	94.4	78.8	140.5	76.8	0.885	72	161	E S E	65	...	Morning fine: afternoon cloudy.
28	29.772	0.157	87.1	76.8	97.0	79.5	142.4	78.6	0.784	69	179	South	50	...	Passing clouds.
29	29.757	0.106	87.9	78.1	103.0	79.1	151.2	77.1	0.831	63	173	S by W	47	...	Fine with passing clouds.
30	29.790	0.110	87.7	77.5	100.9	81.2	147.1	79.4	0.807	62	179	S by E	23	...	Do.
Mean	29.814	0.133	84.8	78.0	93.6	78.4	140.9	76.1	0.873	73	209	S S E	34	0.12	

Madras Meteorological Observations. 1869—May.

May 1869	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.817	0.098	87.4	80.5	99.9	81.9	147.0	80.4	0.948	73	236	S by E	17	...	Fine
2	29.862	0.109	85.2	79.6	91.8	81.1	139.0	79.2	0.936	78	285	S S E	22	...	Fine with passing clouds.
3	29.850	0.143	85.6	79.3	92.8	80.4	139.0	78.8	0.917	75	250	S S E	18	...	Fine.
4	29.808	0.154	86.7	80.1	96.5	81.1	144.2	79.8	0.939	74	275	S S E	17	...	Do.
5	29.806	0.140	87.2	80.2	97.6	82.7	146.5	81.6	0.938	72	334	S by E	23	...	Fine with passing clouds.
6	29.820	0.117	86.8	80.4	93.5	82.0	140.0	80.5	0.952	74	319	S by E	23	...	Fine with light clouds.
7	29.824	0.141	86.4	80.1	95.6	80.8	141.5	79.1	0.943	75	299	S S E	10	...	Fine.
8	29.806	0.138	86.8	80.7	99.0	80.9	145.1	79.4	0.967	76	260	S S E	5	...	Do.
9	29.762	0.170	88.1	80.8	96.2	81.5	139.3	79.9	0.954	72	359	South	13	...	Do.
10	29.767	0.148	88.2	78.3	96.1	81.7	143.2	80.4	0.836	62	166	E S E	8	...	Do.
11	29.742	0.135	88.5	79.9	102.7	81.7	151.0	79.5	0.906	68	237	South	27	...	Fine with light clouds.
12	29.732	0.135	87.1	81.1	94.8	82.1	140.7	80.6	0.982	76	279	S S E	13	...	Fine.
13	29.708	0.109	89.5	78.9	102.1	81.7	146.2	79.6	0.846	61	247	S by E	17	...	Do.
14	29.701	0.106	89.9	80.0	98.0	82.6	143.5	81.4	0.891	63	316	S by E	15	...	Do.
15	29.624	0.135	90.4	77.8	106.3	83.0	142.6	81.8	0.784	55	230	South	57	...	Light clouds.
16	29.618	0.108	89.9	79.7	105.2	83.7	148.3	81.8	0.877	63	291	South	20	...	Fine.
17	29.681	0.109	89.3	79.2	101.4	83.3	146.9	82.5	0.863	63	275	South	23	...	Do.
18	29.686	0.129	88.8	78.6	101.0	82.3	146.5	80.3	0.841	62	290	S by E	20	...	Fine with light haze.
19	29.632	0.152	89.6	80.3	103.8	83.3	148.5	81.9	0.909	65	327	S by E	2	...	Clear.
20	29.654	0.135	90.0	80.0	100.7	83.6	145.9	82.6	0.890	63	349	S by E	10	...	Fine.
21	29.659	0.144	91.7	77.3	102.2	85.6	144.8	84.0	0.743	49	241	S E	17	...	Do.
22	29.589	0.101	92.0	78.9	105.6	85.5	148.5	84.0	0.812	54	249	S by E	37	...	Fine with passing clouds
23	29.599	0.088	90.8	78.2	104.4	84.1	150.6	82.7	0.796	55	240	S by E	30	...	Do.
24	29.635	0.093	87.8	78.9	98.0	84.1	143.3	82.9	0.868	66	245	S by E	50	...	Hazy.
25	29.651	0.142	87.2	80.6	95.6	82.3	140.4	81.4	0.956	74	218	S S E	80	...	Cloudy.
26	29.656	0.121	87.1	79.4	96.0	82.6	142.6	81.0	0.901	70	151	S E by S	73	...	Do.
27	29.703	0.105	85.0	79.1	91.2	81.6	133.2	79.3	0.915	76	131	S S E	53	...	Light clouds.
28	29.719	0.114	86.2	78.8	93.9	81.7	140.1	80.8	0.886	70	267	S S E	23	...	Fine with passing clouds.
29	29.682	0.160	86.4	78.6	93.6	81.5	138.1	80.1	0.874	69	319	S by E	17	...	Fine.
30	29.644	0.144	90.5	78.7	101.7	82.6	147.0	81.7	0.823	57	247	S by E	43	...	Fine with passing clouds.
31	29.621	0.120	90.4	78.6	105.9	82.9	149.6	81.6	0.820	57	235	S by W	57	...	Passing clouds.
Mean	29.712	0.127	88.3	79.4	98.8	82.4	144.0	81.0	0.888	67	263	S by E	27	Nil.	

Madras Meteorological Observations. 1869—June.

June 1869	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.655	0.065	88.8	77.9	99.1	84.4	135.1	84.5	0.809	59	178	South	97	...	Overcast.
2	29.684	0.130	84.1	76.4	93.4	81.3	118.8	79.0	0.807	69	178	S W	97	...	Do.
3	29.620	0.181	87.0	76.8	103.3	80.4	141.1	79.3	0.785	61	252	W S W	87	0.14	Cloudy.
4	29.664	0.085	88.2	76.5	96.0	79.3	119.1	78.6	0.756	57	288	SW by W	100	...	Overcast.
5	29.675	0.129	89.8	77.3	101.8	84.2	118.0	82.6	0.769	55	287	W by S	98	0.37	Cloudy : rain.
6	29.689	0.123	87.5	74.3	97.5	79.7	128.1	76.0	0.671	51	207	W by S	87	...	Cloudy.
7	29.651	0.142	92.3	75.2	106.0	83.6	150.5	81.4	0.645	43	266	S W	77	...	Do.
8	29.625	0.155	92.8	73.5	105.8	84.0	144.6	81.6	0.567	37	305	SW by W	73	...	Do.
9	29.646	0.121	90.5	76.8	105.4	86.6	141.3	85.1	0.738	52	326	S W	63	...	Light clouds.
10	29.677	0.116	89.9	76.7	106.0	85.8	147.0	84.0	0.741	53	288	S S W	48	...	Passing clouds.
11	29.709	0.109	89.7	76.4	103.3	83.5	145.5	81.4	0.732	52	245	South	23	...	Fine with passing clouds.
12	29.702	0.119	89.8	77.6	104.5	83.6	149.0	82.0	0.783	56	252	South	53	...	Passing clouds.
13	29.693	0.083	89.7	77.6	106.0	84.3	149.6	82.9	0.785	56	269	S S W	40	...	Do.
14	29.726	0.099	88.5	77.3	98.9	81.6	144.0	80.3	0.787	58	257	S by W	53	...	Do.
15	29.745	0.091	89.0	77.0	106.4	83.6	152.6	82.0	0.767	56	247	S W	38	...	Do.
16	29.778	0.110	85.6	75.4	97.4	80.7	132.2	80.1	0.744	60	195	S S W	95	...	Cloudy.
17	29.748	0.113	88.4	75.6	97.3	83.8	134.4	83.1	0.713	53	212	W S W	83	...	Do.
18	29.704	0.135	85.5	75.1	92.3	80.0	130.5	79.0	0.732	59	264	W S W	80	...	Do.
19	29.672	0.095	86.2	73.9	95.7	79.9	137.7	79.4	0.673	54	357	W S W	93	...	Do.
20	29.710	0.114	88.5	73.5	96.4	81.8	140.7	80.7	0.625	47	330	SW by W	72	...	Do.
21	29.651	0.148	87.9	74.7	97.3	83.7	135.7	81.6	0.683	52	218	S W	77	0.47	Cloudy with rain.
22	29.641	0.100	87.5	75.0	98.0	79.7	140.5	78.8	0.714	57	280	W S W	87	...	Cloudy.
23	29.636	0.147	88.8	74.9	98.2	82.1	131.5	80.4	0.678	50	304	W by S	92	0.01	Do.
24	29.600	0.119	87.5	75.9	100.6	81.4	142.4	79.6	0.740	57	244	West	90	0.02	Do.
25	29.611	0.116	89.8	76.6	103.0	82.8	149.2	80.9	0.738	53	274	S S W	70	0.06	Passing clouds.
26	29.639	0.125	86.9	77.5	100.5	82.2	144.6	80.5	0.818	64	293	SW by S	67	0.03	Do.
27	29.652	0.129	91.3	77.7	102.4	83.9	149.2	81.9	0.767	52	274	West	65	...	Light clouds.
28	29.637	0.149	91.6	76.1	101.3	84.3	145.3	82.7	0.692	46	311	W S W	68	...	Do.
29	29.606	0.163	89.7	76.9	102.9	84.4	146.4	83.6	0.753	54	269	S W	97	0.08	Overcast.
30	29.671	0.110	85.3	77.0	97.5	81.1	122.3	78.8	0.817	67	251	S W	87	0.76	Cloudy with rain.
Mean	29.671	0.121	88.6	76.1	100.6	82.6	140.0	81.1	0.734	55	266	S W	75	1.94	

Madras Meteorological Observations. 1869—July.

July 1869	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.698	0.126	84.2	77.4	96.2	75.2	146.3	74.0	0.849	72	158	S S W	68	0.02	Passing clouds.
2	29.705	0.139	87.6	77.9	103.0	81.4	146.4	79.3	0.826	63	220	S by W	32	...	Fine with passing clouds.
3	29.700	0.113	87.9	76.1	103.8	83.4	146.1	81.9	0.743	56	244	SW by S	45	0.03	Passing clouds.
4	29.666	0.144	89.7	74.9	103.9	82.3	146.3	78.1	0.667	47	295	S W	63	...	Do.
5	29.659	0.120	87.5	76.8	104.9	82.3	147.1	80.8	0.778	60	285	S W	47	...	Fine with passing clouds.
6	29.653	0.108	88.4	76.4	102.5	81.6	148.3	80.8	0.749	56	272	SW by S	40	...	Do.
7	29.654	0.090	88.4	76.0	100.4	83.5	141.5	82.4	0.731	54	266	S S W	87	...	Cloudy.
8	29.688	0.122	89.8	75.4	101.2	82.9	148.5	81.4	0.687	48	216	S S W	37	...	Passing clouds.
9	29.736	0.117	87.5	78.4	98.6	83.4	146.9	82.6	0.850	65	240	S by E	28	...	Fine with passing clouds.
10	29.742	0.143	86.5	78.2	94.2	80.5	141.4	78.8	0.854	67	243	S by E	23	...	Do.
11	29.682	0.136	86.6	78.2	103.0	80.9	151.5	80.6	0.852	67	232	S S W	37	0.19	Do.
12	29.662	0.110	86.6	78.1	101.8	80.7	143.8	78.3	0.848	67	230	SW by S	43	0.39	Fine with passing clouds : rain : lg.
13	29.717	0.102	82.9	75.8	100.0	79.3	146.8	77.7	0.797	71	203	SW by S	57	1.37	Passing clouds : rain : lg.
14	29.737	0.135	84.6	76.8	94.9	75.4	133.1	74.7	0.818	69	230	SW by W	92	0.12	Cloudy.
15	29.688	0.146	87.3	75.4	100.3	79.4	141.2	77.8	0.720	55	242	S W	92	0.04	Do.
16	29.680	0.131	87.3	74.7	94.7	80.1	126.3	77.4	0.691	54	237	W S W	93	...	Do.
17	29.691	0.116	87.5	74.3	97.2	79.9	140.8	78.8	0.671	51	243	W S W	97	...	Overcast.
18	29.691	0.141	86.1	73.5	93.6	82.1	128.9	80.6	0.658	53	198	SW by W	100	0.10	Do.
19	29.688	0.120	85.2	75.1	94.5	79.6	142.7	77.0	0.737	61	211	SW by S	80	...	Cloudy.
20	29.697	0.125	86.6	76.8	101.4	80.5	145.3	78.4	0.791	62	212	SW by S	80	0.05	Do.
21	29.718	0.134	87.8	75.1	99.1	83.2	146.8	81.3	0.701	53	253	W S W	80	0.21	Cloudy with rain.
22	29.724	0.165	83.2	73.9	98.3	79.9	143.1	...	0.713	61	207	NW by W	75	0.31	Do.
23	29.704	0.111	82.8	75.2	93.4	74.3	133.8	72.3	0.773	69	203	SW by W	80	...	Cloudy.
24	29.704	0.137	83.8	75.6	99.1	79.7	135.8	77.2	0.776	67	209	SW by W	80	...	Cloudy : lg.
25	29.739	0.129	83.0	76.4	99.8	78.6	145.1	78.8	0.822	73	168	S by W	95	0.12	Overcast.
26	29.761	0.108	82.5	76.5	92.4	75.4	128.7	73.3	0.833	75	113	S S W	88	0.06	Cloudy.
27	29.736	0.142	84.8	77.0	93.4	79.0	137.3	76.5	0.824	69	155	S E by S	35	...	Fine with passing clouds : lg. S. W.
28	29.700	0.154	84.7	75.9	95.2	78.7	142.3	78.0	0.777	65	124	S W	77	0.04	Cloudy : lg. S. W.
29	29.685	0.095	85.3	77.3	97.8	80.3	148.5	76.9	0.830	68	177	South	53	0.04	Passing clouds : th. S. W.
30	29.704	0.112	85.6	78.0	97.5	79.1	144.3	77.8	0.858	70	224	S by W	40	...	Passing clouds : lg. S. W.
31	29.712	0.109	84.0	76.0	95.5	75.9	137.2	74.4	0.791	68	167	SW by W	47	2.10	Passing clouds : lg. : rain.
Mean	29.701	0.125	86.0	76.2	98.4	80.0	142.0	78.3	0.775	62	215	SW by S	64	5.19	

Madras Meteorological Observations. 1869—August.

August 1869	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.705	0.126	84.5	78.6	93.4	79.1	138.8	76.2	0.899	76	115	S by E	60	...	Light clouds.
2	29.704	0.095	82.9	77.6	94.1	77.1	141.6	74.8	0.877	78	103	S W	43	...	Passing clouds.
3	29.733	0.117	83.8	77.8	91.1	77.1	136.1	75.1	0.873	75	93	South	13	...	Fine.
4	29.760	0.126	83.2	77.7	89.0	77.9	137.0	77.0	0.877	77	96	E by S	30	0.08	Morning cloudy : afternoon fine.
5	29.727	0.149	83.4	76.7	88.5	78.6	136.9	76.6	0.829	73	144	SE by S	30	0.01	Do.
6	29.675	0.139	84.5	78.0	90.5	78.7	142.1	76.8	0.872	74	178	S by E	25	...	Fine with p. cls. : th. & lg. W. & S. W.
7	29.664	0.127	83.0	77.9	93.8	76.6	141.2	76.2	0.889	79	148	South	40	0.28	Fine with passing clouds : rain.
8	29.719	0.091	83.4	77.1	91.5	77.7	138.2	76.2	0.847	74	135	S by W	40	...	Fine with passing clouds.
9	29.738	0.113	84.7	77.6	91.8	75.9	135.0	73.7	0.852	72	145	SE by S	27	0.11	Do.
10	29.735	0.123	83.8	78.8	89.8	78.8	141.2	76.7	0.919	79	161	SE by S	47	...	Light clouds.
11	29.729	0.090	83.5	77.7	91.9	79.9	142.4	78.2	0.873	76	194	S S E	80	...	Cloudy.
12	29.744	0.082	82.8	78.0	89.0	79.6	140.7	77.7	0.895	80	137	South	87	...	Do.
13	29.781	0.090	83.0	77.7	91.3	75.5	143.0	74.9	0.880	78	129	South	60	...	Light clouds.
14	29.804	0.125	83.5	78.3	91.3	77.0	142.9	75.0	0.900	78	130	E S E	45	...	Passing clouds.
15	29.779	0.123	84.3	77.9	90.7	77.8	138.0	75.8	0.870	74	176	S E	5	...	Fine.
16	29.750	0.141	86.2	78.6	97.1	79.9	147.8	78.7	0.877	70	216	South	33	...	Fine with p. cl. : th. and lg. N. W.
17	29.721	0.158	88.5	77.2	100.4	80.6	145.3	78.8	0.782	58	200	SW by S	57	...	Passing clouds : th. and lg.
18	29.664	0.106	87.1	74.9	94.1	82.1	133.4	78.9	0.701	55	208	W by S	98	0.02	Overcast.
19	29.677	0.103	84.5	73.4	92.6	79.8	127.6	78.6	0.675	57	246	W by S	97	0.06	Do.
20	29.729	0.134	87.7	74.2	98.3	79.3	149.5	77.7	0.665	50	263	W S W	82	...	Cloudy : lg. S. E.
21	29.779	0.153	87.6	75.3	99.9	80.2	147.4	78.4	0.712	54	264	S W	63	...	Cloudy.
22	29.769	0.122	86.5	76.8	97.6	82.7	148.0	80.8	0.792	63	220	S by W	77	0.71	Cloudy : rain.
23	29.715	0.153	81.3	77.1	93.4	74.4	136.6	74.4	0.875	82	173	South	88	2.06	Do. do.
24	29.725	0.077	81.5	75.9	96.5	79.7	142.0	77.7	0.821	77	167	S by W	80	0.56	Cloudy : rain : lg. S. W.
25	29.726	0.143	85.1	76.8	96.8	77.3	135.7	75.5	0.811	67	213	SW by S	63	...	Passing clouds.
26	29.735	0.122	83.7	74.8	91.5	79.0	136.8	76.6	0.743	64	184	S W	98	...	Cloudy.
27	29.772	0.114	82.4	76.1	88.7	77.6	110.9	75.9	0.817	74	118	W by S	97	...	Overcast.
28	29.756	0.121	79.5	74.3	88.6	75.2	132.7	73.2	0.779	77	182	NW by W	100	0.20	Overcast with rain.
29	29.694	0.122	81.1	74.2	91.3	73.0	131.6	71.8	0.754	71	169	S by W	97	0.28	Do.
30	29.696	0.149	85.4	75.5	96.7	76.5	145.6	73.9	0.751	61	186	SW by W	83	0.03	Cloudy : rain.
31	29.723	0.145	86.0	75.6	95.1	80.1	141.4	76.6	0.746	60	207	S W	87	...	Cloudy.
Mean	29.730	0.122	84.1	76.7	93.1	78.2	139.0	76.4	0.821	70	171	S by W	62	4.40	

Madras Meteorological Observations. 1869—September.

September 1869	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.700	0.166	84.6	75.4	97.7	79.4	143.2	76.0	0.757	63	209	S by W	67		Passing clouds.
2	29.660	0.146	84.7	76.2	98.7	80.8	149.7	78.0	0.790	66	206	S S W	47	0.25	Fine with passing clouds : rain.
3	29.684	0.125	81.6	77.1	92.7	75.6	137.6	74.3	0.871	81	227	S by W	73	0.20	Cloudy : rain.
4	29.749	0.107	81.6	76.4	91.0	74.9	135.8	74.0	0.841	78	112	S S W	80	0.09	Cloudy.
5	29.784	0.115	83.0	76.9	94.2	76.9	149.9	74.9	0.844	75	179	S by E	48	...	Fine with passing clouds.
6	29.773	0.153	83.2	77.2	94.1	75.1	142.9	73.6	0.854	75	220	S by W	47	0.20	Fine with passing clouds : rain.
7	29.774	0.138	84.7	77.1	92.8	77.6	143.0	75.6	0.830	70	138	S S E	20	...	Fine.
8	29.764	0.157	86.2	77.9	95.9	78.3	147.4	74.8	0.845	67	160	South	40	...	Passing clouds.
9	29.720	0.147	85.8	77.7	97.1	80.3	142.3	78.0	0.842	68	136	S by W	93	...	Cloudy.
10	29.733	0.095	85.6	75.3	93.8	80.3	131.1	78.0	0.740	60	196	SW by W	93	...	Do.
11	29.724	0.127	86.0	75.9	99.5	79.9	152.0	77.8	0.760	61	239	S by W	67	...	Do.
12	29.760	0.111	84.8	76.0	96.5	80.3	150.8	78.0	0.780	65	232	S by E	82	...	Do.
13	29.772	0.127	83.7	76.4	98.4	77.1	143.1	74.4	0.812	70	200	SW by S	85	0.01	Do.
14	29.801	0.156	77.2	74.1	81.1	75.1	100.2	73.6	0.803	86	183	West	93	0.81	Cloudy : rain.
15	29.755	0.173	79.5	75.8	83.6	77.1	94.1	74.8	0.844	84	93	W S W	92	0.09	Cloudy.
16	29.721	0.117	82.4	76.5	93.7	77.3	143.1	74.9	0.834	75	151	W N W	50	0.02	Passing clouds : th. and lg. S. W.
17	29.719	0.123	83.0	77.3	97.6	76.3	144.1	74.0	0.861	76	183	SW by S	57	1.56	Cloudy : lg. S. W : rain.
18	29.732	0.128	82.0	76.4	88.4	75.7	119.0	73.7	0.836	77	176	W S W	93	...	Overcast.
19	29.689	0.173	82.4	74.5	89.5	79.1	140.6	75.9	0.748	67	203	SW by W	98	0.01	Do.
20	29.649	0.141	83.2	76.5	93.9	77.2	144.1	74.6	0.823	73	225	SW by S	83	...	Cloudy : th. and lg. N.
21	29.718	0.102	82.7	74.9	92.0	78.0	130.9	74.4	0.761	68	144	W by S	88	0.02	Cloudy.
22	29.758	0.147	83.5	75.4	93.7	76.9	140.4	71.5	0.773	67	183	S W	77	...	Do.
23	29.768	0.140	84.8	75.2	93.6	78.6	139.8	74.5	0.750	62	198	SW by W	80	...	Do.
24	29.773	0.128	84.9	76.5	95.8	80.2	140.6	77.8	0.802	66	201	S by W	73	...	Cloudy : lg. W.
25	29.804	0.123	80.7	75.5	93.3	74.7	136.4	74.0	0.814	78	141	S by W	87	0.35	Cloudy : lg. W. : rain.
26	29.828	0.116	79.6	75.1	90.7	75.1	143.2	74.6	0.812	80	204	S by W	75	0.03	Cloudy.
27	29.837	0.138	81.0	74.8	92.2	75.8	143.9	73.5	0.780	74	164	S W	63	0.46	Passing clouds : rain : lg. S. W.
28	29.838	0.148	81.0	75.8	91.2	74.1	139.1	73.3	0.822	78	201	SW by S	80	0.45	Cloudy : rain : lg. N. E.
29	29.817	0.133	82.7	76.4	90.9	76.4	136.7	74.3	0.826	74	178	SW by S	70	...	Cloudy : lg. N.
30	29.780	0.147	84.5	76.8	94.0	76.3	144.3	74.9	0.819	69	210	W by S	77	0.02	Cloudy : lg. N. E.
Mean	29.753	0.135	83.0	76.1	93.3	77.3	138.0	75.1	0.809	72	183	S W by S	73	4.57	

Madras Meteorological Observations, 1869—October.

October 1869	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.770	0.137	81.4	76.1	89.6	74.8	132.2	73.9	0.830	77	175	W by S	98	0.39	Overcast with rain.
2	29.769	0.157	82.4	75.5	88.7	75.9	124.6	74.9	0.790	71	173	W S W	97	0.09	Do.
3	29.776	0.140	83.0	75.9	91.2	74.9	139.4	74.1	0.800	71	138	W S W	93	0.16	Do.
4	29.744	0.163	84.4	76.0	93.8	78.6	141.2	75.8	0.785	66	222	S W	75	...	Cloudy : th. W.
5	29.721	0.155	85.0	75.1	95.7	77.9	141.2	73.1	0.739	61	224	S W	37	...	Fine with passing clouds.
6	29.775	0.131	84.3	73.7	95.9	78.0	141.3	73.9	0.690	59	208	S S W	37	...	Do.
7	29.762	0.116	83.0	73.5	96.7	77.0	141.4	72.9	0.699	62	160	South	53	...	Passing clouds.
8	29.742	0.142	83.9	75.0	98.4	77.5	142.4	73.0	0.749	64	206	S S W	43	...	Fine with light clouds.
9	29.772	0.124	84.4	76.2	94.4	77.7	143.8	74.5	0.794	67	182	S by E	30	...	Fine with passing clouds.
10	29.772	0.123	84.4	77.4	96.1	77.5	151.8	73.9	0.848	72	113	SE by S	18	...	Fine.
11	29.750	0.132	83.9	76.5	93.1	78.4	148.4	75.8	0.814	70	140	NE by E	83	...	Cloudy.
12	29.782	0.103	78.9	75.7	88.3	74.3	141.0	74.8	0.846	86	76	NW by N	77	0.51	Cloudy with rain.
13	29.772	0.138	79.1	76.2	87.9	76.6	134.0	74.8	0.865	87	78	W N W	87	0.21	Do.
14	29.787	0.138	80.7	77.3	86.4	76.6	103.8	74.8	0.892	85	87	SW by W	90	...	Cloudy.
15	29.799	0.172	82.3	76.8	90.3	77.4	128.1	76.8	0.849	77	82	S W	83	0.01	Cloudy : lg. W.
16	29.829	0.111	79.6	75.8	83.9	77.4	101.9	76.0	0.842	83	90	W by N	88	...	Cloudy.
17	29.818	0.131	80.3	74.6	93.2	73.8	143.1	69.6	0.782	75	112	N N E	27	...	Fine with passing clouds.
18	29.805	0.146	80.8	73.7	94.2	71.7	139.8	68.2	0.738	71	147	NE by E	5	...	Fine.
19	29.817	0.132	84.0	74.2	94.6	75.5	143.9	72.0	0.715	61	162	SE by E	30	...	Fine with passing clouds.
20	29.803	0.138	80.2	75.6	89.2	77.7	141.7	76.8	0.825	80	153	N N E	90	0.22	Cloudy : with rain.
21	29.775	0.125	81.0	75.8	90.3	76.5	147.5	74.1	0.822	78	137	N N W	70	...	Cloudy.
22	29.823	0.106	80.4	76.0	89.5	77.7	126.3	75.1	0.839	80	104	N by W	67	...	Cloudy : lg. S. W.
23	29.870	0.117	82.1	75.7	92.7	73.9	149.6	70.6	0.803	73	121	North	37	...	Fine with passing clouds : lg. W.
24	29.889	0.122	82.6	76.5	90.9	76.8	143.9	75.2	0.832	75	159	SE by S	50	...	Passing clouds.
25	29.854	0.132	81.8	76.6	89.1	77.1	146.5	74.7	0.848	78	111	SE by E	40	...	Fine with passing clouds : lg. W. & N
26	29.858	0.123	81.6	75.7	89.6	75.8	140.8	73.0	0.811	75	120	E by S	33	...	Fine with passing clouds : lg. S. W.
27	29.881	0.127	82.6	76.1	91.7	75.6	147.0	73.1	0.814	73	132	NE by E	48	0.20	Do. do.
28	29.869	0.133	79.6	75.9	85.2	73.9	131.4	74.8	0.847	84	137	N by E	77	0.41	Cloudy : rain : th. and lg. N. E.
29	29.867	0.130	77.4	75.2	83.9	74.9	119.8	73.9	0.846	90	77	East	85	1.01	Cloudy : rain : lg. W.
30	29.860	0.124	80.5	76.4	86.3	75.6	137.3	74.2	0.856	82	109	E by S	63	0.16	Passing clouds.
31	29.895	0.122	80.9	76.4	87.7	74.8	140.2	72.9	0.850	80	101	E by N	45	0.08	Fine with passing clouds.
Mean	29.807	0.132	81.8	75.7	90.9	76.2	137.3	73.9	0.808	75	137	S E by S	60	3.45	

Madras Meteorological Observations. 1869—November.

November 1869	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion.			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.923	0.098	81.4	76.1	87.7	75.0	136.5	73.2	0.830	77	225	N N E	53	0.43	Passing clouds : rain.
2	29.927	0.124	82.4	76.4	88.6	79.3	139.2	74.8	0.830	75	290	N by E	50	0.07	Fine with passing clouds.
3	29.924	0.132	81.5	74.5	87.7	76.5	137.6	74.5	0.761	71	274	N by E	43	...	Passing clouds.
4	29.925	0.114	82.6	74.4	88.2	79.5	138.4	75.0	0.742	66	324	N N E	47	...	Do.
5	29.924	0.107	80.8	74.4	85.5	79.3	129.4	75.3	0.766	72	277	NE by N	83	0.34	Cloudy : rain.
6	29.930	0.107	77.1	73.0	79.7	74.4	104.9	73.9	0.758	82	259	N E	100	1.11	Overcast : rain.
7	29.959	0.096	79.9	73.9	86.0	74.4	139.0	72.9	0.757	74	255	N E	80	0.01	Cloudy.
8	29.969	0.107	79.7	72.6	86.5	76.4	140.1	71.7	0.707	70	241	NE by N	33	...	Fine with passing clouds.
9	29.977	0.131	77.3	73.2	85.0	72.2	135.1	72.0	0.764	82	178	North	43	0.21	Fine with passing clouds : rain.
10	29.950	0.100	78.3	74.5	84.1	72.8	127.9	71.9	0.804	83	133	North	53	0.03	Passing clouds.
11	29.975	0.098	79.4	74.8	87.7	72.3	122.7	70.8	0.802	80	146	N by E	60	...	Do.
12	29.982	0.112	80.1	73.9	88.3	73.5	137.6	70.3	0.755	73	157	N N E	43	0.02	Fine with passing clouds.
13	29.944	0.131	76.7	73.0	85.5	72.0	144.6	72.1	0.763	83	172	N by E	80	1.29	Cloudy with rain.
14	29.903	0.117	79.2	73.4	85.1	72.1	136.0	73.1	0.746	75	214	N by W	58	0.01	Passing clouds.
15	29.875	0.108	75.8	72.5	80.3	74.0	103.9	73.8	0.756	85	219	North	97	1.35	Overcast : rain.
16	29.881	0.105	77.9	74.9	84.8	74.7	128.2	74.1	0.826	86	260	N N E	95	0.51	Do. do.
17	29.889	0.108	79.9	74.8	86.3	77.5	138.3	74.0	0.795	78	220	NE by N	60	0.05	Cloudy : rain.
18	29.879	0.122	77.7	74.6	83.2	73.4	132.6	71.8	0.817	86	130	N N E	77	0.16	Do. do.
19	29.925	0.089	77.2	74.5	86.3	72.6	136.2	70.6	0.819	88	111	NE by N	57	0.06	Morning fine : afternoon cloudy.
20	29.947	0.124	78.9	74.8	85.3	73.6	137.0	72.8	0.809	82	207	NE by N	68	0.43	Cloudy : rain.
21	29.955	0.094	78.6	73.4	84.9	74.0	136.4	72.2	0.754	77	264	N by E	53	...	Fine with passing clouds.
22	29.921	0.128	78.6	72.7	85.2	72.6	134.1	71.1	0.726	74	241	N by E	63	...	Cloudy.
23	29.912	0.106	75.2	70.4	81.4	71.7	133.7	70.0	0.680	78	282	N by W	77	0.04	Do.
24	29.912	0.096	72.3	68.1	76.4	70.5	103.4	70.6	0.632	80	299	NW by N	88	0.16	Cloudy : rain.
25	29.846	0.105	72.0	63.6	78.1	68.6	126.8	63.9	0.478	60	286	NW by N	87	0.34	Do. do.
26	29.756	0.146	66.7	65.8	70.8	65.5	77.7	65.4	0.624	95	291	West	100	1.72	Overcast : rain.
27	29.857	0.103	75.7	72.4	82.9	68.6	133.4	68.4	0.753	85	231	S by E	47	0.01	Fine with light clouds.
28	29.921	0.121	76.6	73.6	83.8	69.2	139.8	68.2	0.790	86	112	E S E	38	0.50	Passing clouds : rain.
29	29.885	0.107	78.3	74.4	86.5	72.2	133.3	70.9	0.799	82	103	N E	25	...	Fine with passing clouds.
30	29.873	0.107	78.3	74.6	85.6	72.1	142.4	70.0	0.807	83	116	N N E	47	...	Do.
Mean	29.915	0.111	77.9	73.1	84.2	73.4	130.2	71.6	0.755	79	217	N N E	64	8.85	

Madras Meteorological Observations. 1869—December.

December 1869	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sum	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.869	0.143	77.6	73.6	85.8	71.4	135.2	69.1	0.776	82	111	N N E	35	...	Morning cloudy : afternoon fine.
2	29.868	0.094	77.4	73.3	85.5	71.2	136.0	68.5	0.766	82	124	NE by N	50	...	Passing clouds.
3	29.873	0.117	77.9	72.8	85.7	71.2	135.1	68.4	0.740	78	171	N N E	47	...	Do.
4	29.877	0.105	78.2	72.4	85.6	71.6	138.6	68.7	0.719	74	162	N by E	57	...	Do.
5	29.911	0.119	76.6	69.4	84.7	69.4	133.8	64.5	0.623	68	170	N by E	38	...	Fine with passing clouds.
6	29.916	0.126	76.8	70.4	85.1	68.9	140.8	64.0	0.658	71	147	N by E	55	...	Do.
7	29.930	0.107	74.4	68.2	83.8	67.2	135.3	62.1	0.608	71	174	North	20	...	Do.
8	29.923	0.107	76.4	69.6	84.0	69.6	135.4	64.7	0.633	70	211	North	67	...	Passing clouds.
9	29.922	0.123	74.0	71.4	79.3	71.3	97.3	72.0	0.736	88	189	N N W	97	0.10	Overcast with rain.
10	29.907	0.123	77.0	73.8	85.2	73.3	135.7	72.0	0.792	85	223	North	75	0.10	Cloudy with rain.
11	29.894	0.117	75.9	73.9	82.2	72.5	126.9	70.6	0.811	91	187	N by W	88	0.27	Do.
12	29.876	0.118	78.4	75.6	84.9	73.7	134.1	72.0	0.850	88	128	NE by N	58	0.68	Do.
13	29.902	0.098	77.5	75.0	86.2	74.2	143.4	72.8	0.836	89	92	NE by E	67	0.15	Do.
14	29.917	0.126	77.1	75.1	84.6	73.7	133.8	72.4	0.845	91	89	NE by N	80	1.16	Do.
15	29.929	0.121	77.8	75.2	84.9	73.5	136.8	73.5	0.841	89	161	N E	73	0.88	Do.
16	29.946	0.121	79.0	75.1	85.4	74.6	138.4	72.1	0.820	82	122	NE by E	53	0.10	Passing clouds.
17	29.975	0.133	77.8	73.9	86.4	73.4	136.8	71.9	0.785	82	137	NE by N	43	...	Do.
18	29.977	0.119	76.1	72.0	84.4	70.8	132.7	68.5	0.731	82	62	N E	18	...	Fine.
19	29.984	0.106	76.1	71.8	84.3	68.6	130.2	65.6	0.723	81	73	E N E	30	...	Fine with passing clouds.
20	29.967	0.095	76.1	71.7	84.8	69.6	137.5	67.2	0.719	80	66	NE by E	30	...	Do.
21	29.965	0.122	75.7	71.5	84.6	68.6	137.2	65.5	0.717	81	95	N E	10	...	Fine.
22	29.965	0.166	77.7	72.3	85.5	70.2	133.3	67.1	0.721	75	150	N N E	42	...	Passing clouds.
23	29.959	0.095	77.5	72.9	86.1	72.6	138.0	68.5	0.740	80	148	N N E	42	0.15	Passing clouds : rain.
24	29.966	0.102	76.4	73.2	84.6	71.9	136.9	70.6	0.776	85	144	NE by N	73	0.13	Cloudy : rain.
25	29.994	0.110	74.5	70.9	84.5	71.6	134.5	71.9	0.710	84	150	N N E	47	...	Fine with passing clouds.
26	29.983	0.098	75.3	69.8	85.1	66.2	131.5	60.9	0.656	75	153	N by E	28	...	Do.
27	29.984	0.110	76.0	69.4	83.8	68.7	134.5	65.1	0.632	71	200	North	25	...	Do.
28	29.986	0.104	76.4	69.7	84.7	67.4	132.1	61.1	0.637	70	214	N by E	30	...	Do.
29	29.958	0.099	78.5	71.6	85.5	72.5	138.8	65.6	0.683	70	276	N by E	50	0.01	Passing clouds.
30	29.941	0.129	78.4	72.3	84.5	76.6	132.0	72.0	0.713	74	291	N N E	70	...	Cloudy.
31	29.943	0.079	77.7	72.0	86.3	73.2	142.4	69.1	0.710	75	247	N N E	62	...	Passing clouds.
Mean	29.936	0.112	76.8	72.3	84.7	71.3	134.4	68.3	0.733	79	157	N N E	50	3.73	

Madras Mean Monthly and Annual Meteorological Results in 1869.

	Barometer		Dry Bulb Thermometer				Wet Bulb		Tension of Vapour	Relative Humidity	Maximum. Zun	Minimum on Grass	Wind		Rain		Clear Sky	
	Reduced to 32°	Daily Range	Mean	Max.	Min.	Range	Mean	Min.	By Blanford's Tables	Cents			Daily Velocity	Mean Direction	Amount	Days		
	Inches	Inches	°	°	°	°	°	°	Inches	Cents	°	°	Miles	Points	Points	Inches	No.	Cents
January	30.012	0.125	76.7	85.9	69.0	16.9	70.5	67.0	0.668	73	138.5	64.8	173	5	N E by E	0.02	1	56
February	29.953	0.127	78.8	89.0	69.5	19.5	72.2	68.1	0.706	72	138.8	65.3	161	10	E S E	...	...	74
March	29.889	0.127	81.4	90.2	73.3	16.9	74.5	71.0	0.761	71	140.5	70.0	175	12	S E	0.04	1	73
April	29.814	0.133	84.8	93.6	78.4	15.2	78.0	75.0	0.873	73	140.9	76.1	209	14	S S E	0.12	1	66
May	29.712	0.127	88.3	98.8	82.4	16.4	79.4	77.0	0.888	67	141.0	81.0	263	15	S by E	...	...	73
June	29.671	0.121	88.6	100.6	82.6	18.0	76.1	72.8	0.734	55	140.0	81.1	266	20	S W	1.94	9	25
July	29.701	0.125	86.0	98.4	80.0	18.4	76.2	73.4	0.775	62	142.0	78.3	215	19	S W by S	5.19	16	36
August	29.730	0.122	84.1	93.1	78.2	14.9	76.7	74.2	0.821	70	139.0	76.4	171	17	S by W	4.40	12	38
September	29.753	0.135	83.0	93.3	77.3	16.0	76.1	72.9	0.809	72	138.0	75.1	183	19	S W by S	4.57	16	27
October	29.807	0.132	81.8	90.9	76.2	14.7	75.7	73.5	0.808	75	137.3	73.9	137	13	S E by S	3.45	12	40
November	29.915	0.111	77.9	84.2	73.1	10.8	73.1	70.7	0.755	79	130.2	71.6	217	2	N N E	8.85	22	36
December	29.936	0.112	76.8	84.7	71.3	13.4	72.3	69.7	0.733	79	134.4	68.3	157	2	N N E	3.73	11	50
Annual	29.824	0.125	82.4	91.9	76.0	15.9	75.1	72.1	0.778	71	138.6	73.5	194	12	S E	32.31	101	50

Madras Extreme Monthly Meteorological Records in 1869.

	Barometer			Dry Bulb Thermometer			Wet Bulb		Humidity		Sun Thermometer		Grass Thermometer		Wind		Rain	
	Inches	Day	Inches	Day	Inches	Day	°	Day	Cents	Day	°	Day	°	Day	Miles	Day	Inches	Day
January	30.173	15	29.876	30	0.297	14	65.3	18	48	11	144.1	1	60.2	6	206	16	0.02	1
February	30.091	14	29.771	7	0.320	3	62.0	17	48	16	115.7	22	57.2	17	227	6	...	...
March	30.056	1	29.767	21	0.289	27	69.9	1	52	25	149.2	19	65.9	3	235	8	0.04	7
April	30.012	1	29.678	8	0.334	29	71.8	3	27	7	151.2	29	68.7	3	354	16	0.12	23
May	29.914	3	29.533	22	0.381	15	80.4	3	30	22	151.0	11	78.8	3	359	9	...	...
June	29.829	16	29.518	29	0.311	15	79.3	4	28	8	152.6	15	76.0	6	357	19	0.76	30
July	29.813	26	29.580	12	0.233	10.9	74.3	23	28	4	151.5	11	72.3	23	295	4	2.10	31
August	29.856	14	29.585	7	0.271	100.4	17	73.0	39	17	140.5	20	71.8	29	264	21	2.06	23
September	29.904	28	29.578	20	0.326	99.5	11	74.1	43	11	152.0	11	71.5	22	239	11	1.56	17
October	29.945	31	29.646	5	0.259	98.4	8	71.7	39	19	151.8	10	68.2	18	224	5	1.01	29
November	30.042	9	29.696	26	0.346	88.6	2	65.5	58	25	144.6	13	63.9	25	324	4	1.72	26
December	30.051	25	29.513	1	0.238	86.4	17	66.2	55	7	143.4	13	60.9	25	291	30	1.16	14

Madras Meteorological Observations. 1870—January.

January 1870	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deducted		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.964	0.106	79.4	72.6	85.8	75.4	136.4	70.3	0.711	71	274	N N E	63	...	Passing clouds.
2	29.954	0.114	78.5	71.8	86.1	76.0	139.8	72.7	0.691	71	208	N N E	65	...	Do.
3	29.883	0.133	75.0	69.4	85.0	68.4	135.4	62.6	0.645	74	133	N by E	55	...	Do.
4	29.875	0.100	75.0	69.9	85.6	67.3	138.7	62.4	0.665	77	128	N by E	57	...	Do.
5	29.906	0.089	76.1	71.1	85.6	68.8	133.4	64.0	0.696	77	153	N by E	50	...	Do.
6	29.938	0.109	76.1	70.7	86.8	69.9	139.1	64.8	0.680	75	178	N by E	40	...	Fine with passing clouds.
7	29.899	0.113	75.6	71.0	85.7	69.7	141.3	65.0	0.699	79	180	North	55	...	Passing clouds.
8	29.890	0.112	75.7	71.6	86.5	68.3	143.2	63.0	0.721	82	161	North	40	...	Fine with passing clouds.
9	29.881	0.109	75.7	71.1	86.2	67.7	138.1	61.4	0.702	79	187	N by E	40	...	Passing clouds.
10	29.855	0.109	75.3	71.1	85.2	68.6	137.3	63.2	0.707	80	189	North	63	...	Do.
11	29.841	0.140	72.0	69.2	77.8	68.7	111.1	64.0	0.678	86	126	N by W	85	0.06	Cloudy.
12	29.802	0.138	72.1	66.1	81.3	66.3	124.9	62.2	0.562	71	178	N N W	73	...	Cloudy : lg.
13	29.781	0.129	73.2	61.9	83.4	62.4	135.9	57.9	0.404	50	203	NWbyN	77	...	Cloudy.
14	29.807	0.093	73.0	64.0	82.6	70.7	114.2	67.0	0.477	58	223	NWbyN	90	0.16	Cloudy with rain.
15	29.722	0.141	68.3	67.7	72.2	66.3	76.2	66.0	0.672	97	419	NWbyN	100	4.81	Overcast with rain.
16	29.753	0.074	74.2	73.3	78.1	72.1	101.6	72.1	0.809	95	236	SWbyW	90	1.21	Cloudy with rain.
17	29.843	0.116	75.4	73.1	81.3	72.5	123.4	72.1	0.786	89	96	S S E	83	0.26	Do.
18	29.900	0.112	76.7	73.7	83.4	72.0	134.9	69.4	0.793	86	69	E by S	50	...	Passing clouds.
19	29.882	0.128	76.7	74.1	83.8	70.9	138.4	68.1	0.809	88	57	East	53	0.05	Do.
20	29.880	0.102	78.6	74.8	84.3	74.6	135.8	72.2	0.812	83	97	E by N	83	...	Cloudy.
21	29.918	0.127	78.1	74.3	84.5	72.7	135.3	69.9	0.798	83	99	E N E	60	...	Passing clouds.
22	29.913	0.129	79.5	75.5	85.2	76.1	136.6	73.3	0.830	82	153	E N E	47	...	Do.
23	29.910	0.095	77.9	73.8	85.5	71.8	138.7	67.7	0.780	82	140	N E by E	33	...	Fine with passing clouds.
24	29.942	0.096	78.1	73.3	85.9	71.3	141.7	67.4	0.757	79	213	N E by N	43	...	Do.
25	29.958	0.099	78.9	73.3	85.2	74.7	137.6	69.1	0.746	76	235	N E	47	...	Do.
26	29.987	0.096	77.2	70.2	84.2	73.7	137.2	67.3	0.646	69	225	NE by N	23	...	Fine with light clouds.
27	29.983	0.135	74.9	67.4	82.3	65.5	130.8	59.1	0.572	66	201	N N E	37	...	Do.
28	29.972	0.129	75.1	68.4	83.2	65.9	135.3	60.1	0.606	69	172	N N E	30	...	Fine with passing clouds.
29	30.009	0.133	76.7	67.8	83.8	70.1	132.8	61.5	0.561	61	183	N N E	27	...	Do.
30	29.970	0.121	75.2	67.5	83.2	66.5	135.7	61.1	0.572	65	190	N N E	48	...	Do.
31	29.954	0.105	73.4	67.3	83.8	65.1	133.7	58.7	0.589	72	114	N N E	23	...	Do.
Mean	29.896	0.114	75.7	70.5	83.7	70.0	132.4	65.8	0.683	77	175	N N E	56	6.55	

Madras Meteorological Observations. 1870—February.

February 1870	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.926	0.156	73.8	67.9	82.8	63.5	131.6	56.7	0.606	72	91	NE by N	13	...	Fine.
2	29.912	0.123	73.8	67.9	84.0	64.4	132.8	57.4	0.606	72	83	N E	2	...	Clear.
3	29.882	0.132	72.5	67.3	83.5	63.2	131.9	56.0	0.600	75	60	NE by E	2	...	Do.
4	29.882	0.122	71.6	66.8	84.6	62.3	134.1	54.6	0.594	77	64	E N E	0	...	Do.
5	29.850	0.146	72.8	65.6	87.6	62.7	136.5	55.2	0.535	66	58	E by S	0	...	Do.
6	29.842	0.143	73.0	67.5	86.4	60.7	136.1	53.0	0.601	74	56	E by S	0	...	Do.
7	29.850	0.135	74.7	69.0	87.3	65.1	136.4	58.1	0.634	73	87	E S E	10	...	Fine.
8	29.880	0.117	76.2	68.1	85.1	65.8	133.6	59.5	0.580	64	106	E N E	17	...	Do.
9	29.880	0.124	75.2	67.1	84.1	70.0	142.5	66.0	0.567	64	100	NE by N	30	...	Fine with passing clouds.
10	29.881	0.121	74.2	67.8	83.3	62.2	131.2	56.0	0.595	70	127	N E	25	...	Do.
11	29.886	0.112	77.0	71.6	87.2	67.1	136.6	62.5	0.703	75	145	N E	28	...	Do.
12	29.903	0.126	79.0	73.4	87.1	71.1	135.1	66.7	0.749	76	150	NE by N	30	...	Light haze.
13	29.915	0.122	78.3	72.4	88.2	70.0	137.9	65.4	0.718	74	152	N N E	30	...	Do.
14	29.885	0.099	77.2	71.6	88.7	68.0	138.2	61.8	0.701	75	142	N by E	30	...	Fine with passing clouds.
15	29.928	0.113	78.2	72.7	87.6	70.3	136.1	65.8	0.731	76	159	N by E	20	...	Fine.
16	29.929	0.131	76.5	72.1	87.6	69.2	137.3	64.0	0.730	79	126	N by E	63	...	Cloudy.
17	29.908	0.123	77.5	71.5	87.8	67.7	135.2	61.7	0.693	74	110	N E	12	...	Fine.
18	29.956	0.112	77.2	69.7	86.0	67.6	135.2	62.2	0.627	67	110	East	8	...	Do.
19	30.010	0.116	75.4	67.7	84.9	63.9	133.8	58.5	0.576	65	120	N E	8	...	Do.
20	29.992	0.121	74.7	68.8	86.5	64.9	136.5	59.2	0.625	72	106	N N E	17	...	Do.
21	30.006	0.109	74.0	67.7	85.5	63.9	135.0	57.9	0.595	71	95	NE by N	8	...	Fine with light haze.
22	29.978	0.136	75.6	68.0	85.3	62.9	136.2	57.4	0.585	66	136	N E	20	...	Fine.
23	29.958	0.139	75.3	67.2	86.8	63.9	138.0	59.1	0.560	64	162	N N E	10	...	Do.
24	29.912	0.134	77.7	70.1	85.7	70.0	139.6	67.3	0.636	67	271	North	37	...	Fine with passing clouds.
25	29.874	0.129	78.9	72.2	87.6	72.2	139.8	69.0	0.701	71	290	N by W	33	0.01	Do.
26	29.902	0.116	78.9	71.6	87.0	73.1	138.7	70.8	0.678	69	285	North	17	...	Fine with light clouds.
27	29.903	0.108	78.0	71.2	87.0	71.9	138.2	69.0	0.674	70	231	N by W	37	...	Fine with passing clouds.
28	29.873	0.114	77.9	72.8	87.3	73.8	140.2	72.0	0.740	78	304	N W	80	0.04	Cloudy.
Mean	29.911	0.123	75.9	69.5	86.2	66.8	136.2	61.5	0.640	71	140	NE by N	21	0.05	

Madras Meteorological Observations. 1870—March.

March 1870	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
	Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles				Points	Cents	Inches
1	29.919	0.124	75.8	73.2	82.9	72.7	133.5	69.2	0.784	88	115	East	72	1.72	Cloudy with rain.
2	29.913	0.114	78.3	73.5	85.4	71.9	132.9	70.4	0.763	79	92	NE by E	33	...	Fine with passing clouds.
3	29.889	0.126	76.6	72.0	84.4	69.6	130.7	67.6	0.725	79	61	NE by E	23	...	Do.
4	29.883	0.119	77.0	71.9	85.2	70.4	136.1	68.5	0.715	77	82	E by N	13	...	Do.
5	29.898	0.114	77.5	71.3	85.3	68.9	137.5	66.8	0.685	72	92	East	20	...	Fine with light clouds.
6	29.914	0.117	78.1	72.6	85.8	69.0	135.5	68.0	0.728	76	104	East	33	...	Fine with passing clouds.
7	29.895	0.116	78.3	73.1	86.5	70.9	133.9	70.1	0.746	77	90	East	10	...	Fine.
8	29.876	0.121	78.7	73.5	88.8	69.9	134.7	69.2	0.757	77	78	East	20	...	Do.
9	29.863	0.110	77.9	72.9	88.1	70.1	134.3	68.0	0.743	78	71	E by S	3	...	Clear.
10	29.866	0.102	77.3	71.6	87.8	67.9	134.1	68.0	0.699	75	76	E S E	0	...	Do.
11	29.872	0.122	76.6	71.0	87.0	67.4	133.6	64.0	0.685	75	87	SE by E	8	...	Fine.
12	29.859	0.138	77.0	71.5	88.0	66.7	131.6	63.1	0.699	75	121	S E	0	...	Clear.
13	29.838	0.131	78.2	72.0	88.9	67.0	135.9	62.9	0.703	73	144	S E	3	...	Do.
14	29.810	0.126	78.7	73.5	87.8	68.7	134.8	64.5	0.757	77	206	S E	3	...	Do.
15	29.810	0.142	80.3	75.2	87.6	73.9	137.1	70.8	0.807	78	193	S E	23	...	Fine with passing clouds.
16	29.830	0.126	80.0	75.2	89.1	73.6	137.9	69.7	0.811	79	211	S S E	50	...	Morning cloudy : night fine.
17	29.861	0.122	80.2	74.2	89.5	73.1	136.2	69.1	0.766	74	221	SE by S	33	...	Fine with light clouds.
18	29.929	0.127	79.7	74.1	88.0	73.2	142.6	69.5	0.770	76	175	N E	47	...	Passing clouds.
19	29.914	0.128	81.3	74.4	88.8	77.2	143.7	74.0	0.760	71	179	E N E	28	...	Fine with light clouds.
20	29.916	0.094	80.0	73.4	89.2	73.1	139.7	71.7	0.736	72	128	East	62	...	Do.
21	29.939	0.089	79.6	73.8	89.5	72.1	139.8	69.1	0.757	75	114	E by S	37	...	Fine with passing clouds.
22	29.933	0.115	80.2	74.1	89.4	72.7	143.6	69.7	0.762	74	106	SE by E	80	...	Cloudy.
23	29.906	0.132	80.6	74.5	89.0	72.9	137.2	70.1	0.773	74	168	S E	25	...	Fine with passing clouds.
24	29.886	0.140	82.2	75.9	90.3	74.6	142.2	71.4	0.811	74	187	S E	43	...	Do.
25	29.878	0.107	81.3	75.2	88.4	74.8	137.2	72.7	0.794	74	185	S E	25	...	Do.
26	29.878	0.107	80.4	74.2	89.1	72.2	137.4	68.7	0.763	73	148	SE by E	10	...	Fine.
27	29.897	0.125	80.2	73.9	88.9	73.1	137.2	70.3	0.753	73	127	E by S	27	...	Fine with light clouds.
28	29.849	0.137	79.3	73.7	88.9	70.5	136.8	67.4	0.758	76	118	E by S	3	...	Clear.
29	29.809	0.129	79.6	72.5	91.3	70.4	140.7	68.7	0.705	70	101	SE by E	0	...	Do.
30	29.803	0.095	78.8	71.1	87.5	69.3	137.2	65.8	0.660	67	129	SE by S	7	...	Fine.
31	29.783	0.159	80.9	73.9	89.6	69.2	141.8	66.9	0.744	71	162	S E	47	...	Hazy.
Mean	29.876	0.121	79.1	73.3	87.9	71.2	137.1	68.6	0.746	75	132	E S E	25	1.72	

Madras Meteorological Observations. 1870—April.

April 1870	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.754	0.113	82.0	75.5	89.3	73.5	138.5	70.8	0.797	73	189	SE by E	47	...	Passing clouds.
2	29.857	0.074	82.4	75.4	90.6	74.3	140.3	71.4	0.787	71	193	E S E	38	...	Fine with passing clouds.
3	29.897	0.090	83.1	75.7	90.3	79.0	140.1	75.8	0.789	69	150	East	23	...	Do.
4	29.887	0.103	81.6	74.0	90.6	71.8	141.8	69.8	0.739	69	124	East	23	...	Do.
5	29.832	0.149	82.0	73.3	93.5	71.4	142.8	67.0	0.704	64	187	S E	0	...	Clear.
6	29.744	0.139	83.1	73.6	97.0	71.4	144.8	68.1	0.702	62	239	S S E	3	...	Do.
7	29.772	0.106	82.1	74.7	90.5	74.4	138.5	71.3	0.761	69	238	S S E	12	...	Fine.
8	29.813	0.131	82.7	76.8	90.2	75.5	137.4	71.9	0.843	75	234	S S E	30	...	Fine with passing clouds.
9	29.771	0.164	84.1	77.6	96.6	76.5	146.1	73.8	0.860	74	249	S by E	43	...	Hazy.
10	29.724	0.171	85.1	76.5	99.8	78.4	144.6	76.2	0.798	66	309	S S E	33	...	Fine with light clouds.
11	29.705	0.135	85.4	77.8	101.3	78.3	148.2	75.8	0.852	70	234	S by E	67	...	Do.
12	29.774	0.136	84.0	78.2	91.6	79.0	139.9	76.8	0.888	76	279	S S E	60	...	Hazy.
13	29.784	0.156	83.4	77.0	91.1	76.4	134.4	73.8	0.842	73	221	SE by S	70	...	Do.
14	29.787	0.141	83.3	76.5	91.7	76.8	138.5	74.1	0.822	71	230	S S E	20	...	Light haze.
15	29.803	0.152	82.9	75.8	91.4	76.0	137.9	73.4	0.797	71	231	S S E	7	...	Fine.
16	29.779	0.137	82.2	75.3	91.0	73.8	138.2	72.7	0.785	71	168	S S E	8	...	Do.
17	29.799	0.116	81.7	75.8	90.0	73.0	137.0	69.8	0.814	75	180	SE by S	10	...	Do.
18	29.829	0.113	83.2	76.3	90.4	75.0	137.4	72.8	0.814	71	159	SE by S	28	...	Light haze.
19	29.845	0.118	83.1	76.6	91.9	75.5	138.4	72.5	0.829	73	140	SE by E	13	...	Fine.
20	29.849	0.137	83.8	77.5	91.5	77.0	142.4	75.6	0.860	74	173	SE by S	43	...	Fine with light clouds.
21	29.839	0.124	81.3	77.9	91.9	78.0	140.4	76.2	0.870	74	170	S E	33	...	Fine with passing clouds: th. & lg.
22	29.839	0.133	81.5	76.3	92.4	78.1	139.4	75.9	0.797	67	177	SE by S	8	...	Fine.
23	29.814	0.149	83.9	77.4	91.3	76.0	137.4	73.2	0.853	73	205	SE by S	8	...	Do.
24	29.749	0.166	85.6	78.0	96.7	77.7	143.4	75.2	0.858	70	217	S S E	3	...	Clear.
25	29.743	0.158	86.8	79.2	98.5	80.1	144.8	78.2	0.897	70	221	S by E	20	...	Fine.
26	29.735	0.151	88.9	77.9	103.4	82.9	150.6	81.2	0.808	59	216	S by E	30	...	Fine with light clouds.
27	29.723	0.143	89.0	74.2	103.6	79.5	150.6	76.0	0.647	47	185	South	0	...	Clear.
28	29.663	0.182	90.2	73.6	105.5	77.0	152.6	75.0	0.606	43	164	NW by N	0	...	Do.
29	29.696	0.136	87.8	76.4	96.6	80.3	141.4	75.4	0.757	57	255	S by E	8	...	Fine.
30	29.762	0.122	85.7	79.6	91.7	81.6	138.6	73.2	0.930	76	265	SE by S	30	...	Fine with passing clouds.
Mean	29.786	0.135	84.3	76.3	94.1	76.6	141.5	73.9	0.804	68	207	S S E	24	Nil.	

Madras Meteorological Observations. 1870—May.

May 1870	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points.	Cents	Inches	
1	29.766	0.154	87.2	79.2	94.1	82.4	137.7	80.6	0.891	60	252	S by E	38	...	Day fine: night cloudy.
2	29.749	0.147	87.0	76.9	97.6	81.8	144.1	80.5	0.790	62	265	S by E	67	...	Hazy.
3	29.723	0.112	88.1	77.1	103.3	80.5	146.4	78.9	0.783	59	228	South	43	...	Light clouds.
4	29.699	0.129	88.3	77.6	101.0	82.2	145.6	80.6	0.805	60	226	S by E	10	...	Fine
5	29.678	0.118	88.4	79.0	96.2	83.0	139.5	81.5	0.865	64	248	S by E	30	...	Fine with light haze.
6	29.650	0.084	89.0	77.6	103.7	83.0	148.5	81.3	0.794	58	245	South	37	...	Light clouds.
7	29.652	0.133	89.6	78.9	108.0	82.8	153.4	81.3	0.844	61	217	S by E	63	...	Passing clouds.
8	29.601	0.162	89.1	76.9	99.2	83.9	147.8	81.9	0.761	56	190	S by E	77	...	Cloudy.
9	29.557	0.116	93.0	76.5	108.9	86.0	153.3	84.9	0.691	45	240	S S W	47	...	Fine with light clouds.
10	29.545	0.118	95.5	75.3	109.0	84.3	156.3	81.0	0.606	36	235	West	43	...	Fine with passing clouds.
11	29.571	0.101	93.3	74.9	107.1	85.5	156.6	82.8	0.617	39	188	S by W	53	...	Hazy.
12	29.619	0.071	90.2	75.2	110.6	83.6	159.6	81.1	0.673	47	267	South	53	...	Fine with light clouds.
13	29.632	0.123	90.7	74.7	106.3	81.8	151.3	77.8	0.645	45	225	S by W	40	...	Hazy.
14	29.635	0.126	89.9	76.2	104.1	82.2	144.8	80.3	0.720	51	240	South	57	...	Do.
15	29.623	0.118	89.5	76.1	104.6	82.8	149.7	81.3	0.720	51	269	S by W	33	...	Fine with light clouds.
16	29.665	0.090	88.1	77.0	103.7	83.1	148.8	79.5	0.779	59	305	South	53	...	Do.
17	29.684	0.147	88.4	76.2	105.5	81.9	147.8	80.1	0.740	55	251	South	47	...	Do.
18	29.674	0.147	89.3	77.8	105.5	83.2	149.7	82.1	0.799	58	303	South	53	...	Passing clouds: lg. S. W.
19	29.683	0.119	88.6	77.2	102.5	82.6	146.6	80.7	0.781	57	296	South	22	...	Fine with light haze.
20	29.714	0.113	87.7	77.4	97.1	82.3	140.0	80.5	0.802	61	244	S S E	67	...	Hazy.
21	29.684	0.124	86.9	78.5	94.8	82.2	139.4	80.5	0.862	67	295	S by E	33	...	Day fine: night cloudy.
22	29.680	0.108	89.9	75.9	100.3	81.9	144.2	79.7	0.707	50	283	South	30	...	Fine with light clouds.
23	29.710	0.131	86.2	78.5	92.6	81.9	137.5	80.3	0.872	70	298	S by E	13	...	Fine.
24	29.711	0.140	86.3	79.0	93.0	81.6	139.2	80.3	0.894	71	320	S S E	20	...	Fine with light clouds.
25	29.738	0.139	86.3	78.1	93.2	81.3	137.4	80.1	0.852	68	301	S by E	10	...	Fine.
26	29.751	0.137	85.9	77.2	92.6	81.3	140.5	80.4	0.816	65	314	S by E	7	...	Do.
27	29.734	0.127	87.8	78.4	98.8	80.9	143.3	79.4	0.846	64	316	S by E	5	...	Fine: lg. W.
28	29.714	0.160	88.7	77.1	103.8	81.2	148.4	79.9	0.776	57	324	S by W	53	...	Fine with light haze.
29	29.685	0.163	88.8	74.6	104.3	84.0	154.7	82.3	0.665	49	267	S S W	43	...	Fine with light clouds.
30	29.622	0.124	89.3	74.6	104.6	84.6	148.4	83.3	0.660	48	253	S S W	74	...	Cloudy.
31	29.602	0.106	89.9	75.2	101.5	85.4	139.0	83.3	0.677	48	280	S S W	53	...	Passing clouds.
Mean	29.669	0.125	88.9	76.9	101.5	82.7	146.4	80.9	0.766	56	264	South	41	NL.	

Madras Meteorological Observations. 1870—June.

June 1870	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
	Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles				Points	Cents	Inches
1	29.615	0.087	88.7	76.3	100.3	81.8	146.4	79.6	0.740	54	252	S by W	23	...	Fine.
2	29.667	0.069	85.7	78.4	101.2	82.3	136.4	80.5	0.875	71	267	S S E	32	...	Fine with light clouds.
3	29.668	0.123	85.2	78.8	92.3	79.2	136.6	77.0	0.900	74	253	S by E	30	...	Do.
4	29.672	0.130	86.8	77.9	93.7	80.5	138.6	79.2	0.836	65	233	South	7	...	Fine.
5	29.689	0.088	87.2	77.3	97.2	80.4	138.4	77.4	0.804	62	164	S by E	23	...	Fine with passing clouds.
6	29.745	0.101	85.7	76.2	96.5	82.4	143.8	81.2	0.777	64	212	South	85	...	Cloudy.
7	29.731	0.091	85.3	75.5	97.0	80.1	144.5	79.2	0.751	63	218	SW by S	70	0.04	Light clouds.
8	29.666	0.163	88.0	76.4	100.1	79.9	144.5	78.3	0.755	57	246	SW by S	57	...	Do.
9	29.648	0.144	87.6	75.8	99.5	82.6	145.8	81.4	0.734	56	228	S S W	50	...	Fine with light clouds.
10	29.684	0.098	88.0	76.0	96.5	83.5	139.9	82.4	0.737	56	192	S S E	70	...	Hazy.
11	29.679	0.119	88.2	76.9	96.8	82.9	145.4	80.9	0.773	58	144	SE by S	75	...	Cloudy.
12	29.668	0.152	81.6	76.3	93.9	71.1	136.3	72.9	0.836	77	191	South	73	3.01	Cloudy : thunderstorm.
13	29.683	0.120	82.0	77.8	89.8	75.1	134.4	74.3	0.897	82	120	S by E	63	3.35	Cloudy : rain : lg. N. W.
14	29.661	0.116	81.6	76.2	90.7	77.4	137.9	76.2	0.832	77	203	South	80	0.34	Cloudy : rain.
15	29.617	0.151	85.5	77.8	97.6	74.3	137.8	73.2	0.850	69	173	S by W	68	0.02	Passing clouds.
16	29.635	0.142	86.6	74.1	95.2	80.4	133.3	77.1	0.675	53	285	W S W	83	...	Cloudy.
17	29.611	0.121	87.9	74.6	95.2	80.2	146.2	77.9	0.679	51	280	SW by W	90	...	Do.
18	29.640	0.086	83.0	74.8	87.9	82.1	112.8	80.3	0.753	66	230	SW by W	100	...	Overcast.
19	29.648	0.106	83.5	73.8	89.0	78.7	113.9	75.7	0.704	61	242	S W	100	...	Do.
20	29.685	0.121	86.9	73.9	96.6	79.2	141.7	78.1	0.663	52	282	SW by W	97	...	Do.
21	29.740	0.106	84.8	75.7	98.6	78.7	143.8	74.3	0.767	64	251	S S W	70	...	Passing clouds : lg. S.
22	29.761	0.147	84.6	75.8	100.3	78.7	145.3	76.7	0.774	65	198	S W	57	0.17	Passing clouds : th. and lg.
23	29.777	0.121	84.6	76.4	96.3	79.5	142.4	76.8	0.800	67	212	SW by S	47	0.33	Passing clouds : rain : lg. S.
24	29.749	0.138	84.3	77.1	93.6	76.7	123.4	76.1	0.835	71	192	S by W	93	0.14	Cloudy : rain.
25	29.739	0.101	85.3	75.3	96.6	78.3	136.6	75.5	0.744	61	201	S by W	73	...	Hazy.
26	29.754	0.105	84.3	74.7	93.6	81.9	119.1	79.1	0.732	62	167	South	90	...	Cloudy.
27	29.729	0.117	85.3	77.2	92.5	79.4	127.0	77.8	0.826	68	143	South	88	0.10	Cloudy : rain.
28	29.706	0.082	81.1	75.9	86.8	76.6	102.2	74.6	0.825	78	150	W by S	98	0.10	Overcast : rain.
29	29.722	0.078	78.5	75.1	83.1	74.7	99.4	73.8	0.826	84	121	West	100	0.82	Do. do.
30	29.738	0.108	81.4	76.7	89.5	76.0	120.0	74.9	0.856	80	121	S by W	93	0.21	Cloudy : rain.
Mean	29.691	0.114	85.0	76.2	94.6	79.2	133.8	77.4	0.785	66	206	S S W	69	8.63	

Madras Meteorological Observations. 1870—July.

July 1870	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.							
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.731	0.131	82.3	76.4	93.4	75.6	132.9	74.0	0.831	75	137	W S W	87	0.02	Cloudy.
2	29.710	0.136	83.7	76.3	93.7	78.5	126.1	75.7	0.808	69	136	W S W	83	0.02	Do.
3	29.692	0.090	83.0	74.9	90.1	78.1	116.8	74.2	0.758	67	154	W by S	73	...	Do.
4	29.708	0.096	82.7	75.5	88.9	78.9	110.6	76.8	0.786	70	89	W S W	88	...	Do.
5	29.711	0.080	82.5	75.1	91.3	78.8	122.4	75.8	0.772	69	132	S W	93	...	Do.
6	29.675	0.127	83.8	75.1	93.8	76.4	143.1	74.7	0.755	64	198	S W	73	...	Do.
7	29.663	0.116	84.5	75.8	94.9	78.5	139.8	75.2	0.775	65	206	S S W	73	...	Do.
8	29.659	0.134	83.4	75.6	93.6	77.9	137.3	76.2	0.781	68	235	SW by S	65	...	Do.
9	29.698	0.102	86.1	76.6	98.3	80.7	141.7	78.2	0.789	65	212	S W	70	0.06	Do.
10	29.734	0.117	79.9	75.3	85.4	74.6	117.2	73.5	0.817	80	259	S W	83	0.41	Cloudy: rain.
11	29.718	0.131	79.3	74.2	85.1	73.9	109.8	71.8	0.779	78	196	SW by W	98	...	Overcast.
12	29.669	0.126	84.1	74.7	95.2	76.4	137.0	74.6	0.734	62	242	W by S	92	...	Cloudy.
13	29.672	0.120	82.9	74.9	93.4	76.7	136.7	75.2	0.759	67	254	S W	87	...	Do.
14	29.675	0.101	83.8	74.8	90.3	78.0	117.1	76.1	0.742	64	192	W S W	95	...	Do.
15	29.682	0.116	83.0	74.7	94.5	77.6	139.1	75.3	0.749	66	173	W by S	95	0.01	Do.
16	29.661	0.122	80.5	74.5	87.4	76.3	106.8	75.1	0.774	74	162	W S W	100	0.14	Overcast : rain.
17	29.675	0.119	83.8	74.5	95.2	76.0	138.0	74.1	0.730	63	166	W by S	68	...	Passing clouds.
18	29.718	0.122	83.4	74.5	95.4	77.1	136.2	73.1	0.735	64	201	W S W	88	0.58	Cloudy: rain.
19	29.732	0.113	80.5	73.9	83.9	75.8	105.5	74.7	0.745	72	230	SW by W	100	...	Overcast.
20	29.724	0.125	83.9	75.6	93.5	76.8	140.0	73.8	0.775	67	195	S W	80	0.14	Cloudy : rain.
21	29.718	0.111	82.4	74.4	89.3	78.1	111.1	75.1	0.745	67	169	S W	100	...	Overcast.
22	29.764	0.073	80.7	74.2	88.9	76.9	116.9	74.2	0.759	72	105	West	100	0.11	Do.
23	29.779	0.125	82.1	76.8	92.1	74.5	135.3	73.2	0.852	78	175	S by W	87	...	Cloudy.
24	29.779	0.148	80.7	75.4	91.6	76.1	134.0	75.1	0.810	77	123	West	93	0.36	Cloudy : rain.
25	29.737	0.122	82.8	77.2	95.2	77.3	137.3	76.1	0.860	77	203	S W	77	...	Cloudy.
26	29.723	0.136	82.8	74.0	96.2	77.1	133.0	74.2	0.722	64	235	S W	87	1.58	Cloudy : thunderstorm.
27	29.721	0.139	79.8	74.4	85.7	73.1	108.0	73.2	0.779	76	166	SW by W	100	0.12	Overcast : rain.
28	29.730	0.120	80.6	73.2	89.0	74.3	128.4	72.1	0.719	68	194	SW by W	100	0.12	Do. do.
29	29.692	0.118	82.9	74.8	94.0	77.1	137.2	72.1	0.755	67	225	SW by W	78	0.04	Cloudy : th.
30	29.698	0.106	80.2	74.5	92.5	74.1	133.1	73.9	0.778	75	250	S W	73	1.86	Cloudy : rain.
31	29.734	0.099	81.1	75.8	89.1	75.0	130.2	73.1	0.822	77	160	S S W	85	0.13	Do. do.
Mean	29.709	0.117	82.4	75.1	91.6	76.7	127.7	74.5	0.774	70	186	SW by W	86	5.70	

Madras Meteorological Observations. 1870—August.

August 1870	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.779	0.142	82.2	74.2	91.7	76.6	132.6	73.1	0.739	67	172	S W	85	...	Cloudy.
2	29.726	0.152	82.4	74.3	93.5	77.7	141.1	73.5	0.741	67	189	SW by S	58	...	Passing clouds.
3	29.675	0.163	83.6	76.0	93.7	76.7	135.3	74.5	0.798	69	181	South	33	0.02	Hazy.
4	29.672	0.099	84.6	75.2	94.3	80.6	134.5	77.7	0.748	62	167	S by W	63	...	Do.
5	29.694	0.133	82.0	76.9	91.3	74.5	137.0	73.6	0.858	79	169	SW by W	95	1.12	Overcast with rain.
6	29.737	0.179	79.4	75.2	82.6	74.7	102.0	73.1	0.819	81	100	SW by W	100	0.81	Do.
7	29.737	0.143	80.6	76.4	87.2	76.0	128.1	74.3	0.856	81	147	West	80	0.16	Cloudy with rain.
8	29.767	0.083	79.6	75.7	87.2	73.1	137.5	72.9	0.838	82	93	W by N	90	1.14	Do.
9	29.751	0.122	80.5	76.0	87.1	74.9	137.8	74.4	0.838	80	106	S by W	37	0.08	Fine with passing clouds.
10	29.734	0.148	81.8	77.0	88.5	77.0	133.4	74.5	0.864	80	163	S S E	33	...	Do.
11	29.748	0.112	82.1	77.4	87.1	78.5	132.0	76.4	0.878	80	209	S S E	30	...	Do.
12	29.758	0.127	84.5	77.2	91.3	77.0	136.1	74.3	0.877	82	198	S by E	50	0.18	Passing clouds: rain.
13	29.738	0.126	81.1	76.6	92.3	76.0	136.6	73.6	0.856	81	223	S by W	43	0.43	Do. do.
14	29.715	0.125	81.5	74.2	87.1	75.0	124.9	74.1	0.749	70	236	SW by W	93	0.02	Cloudy.
15	29.750	0.092	79.1	73.4	86.7	76.5	121.0	74.1	0.747	75	201	S W	100	0.29	Overcast: rain.
16	29.760	0.098	82.1	73.4	89.0	75.3	140.2	73.9	0.707	64	206	W by S	97	...	Do.
17	29.728	0.107	82.9	74.5	89.8	77.1	130.9	75.7	0.741	65	178	W N W	95	...	Do.
18	29.745	0.084	82.0	74.3	88.0	77.0	129.8	75.5	0.745	68	159	W N W	92	...	Cloudy.
19	29.724	0.122	84.5	73.9	92.8	77.7	141.9	78.3	0.695	59	203	West	75	...	Do.
20	29.742	0.142	83.3	74.6	90.2	79.3	143.7	77.1	0.741	65	163	W by N	57	...	Passing clouds.
21	29.746	0.116	83.0	75.4	93.2	78.3	141.1	75.3	0.779	69	145	S W	53	...	Do.
22	29.771	0.136	84.6	77.3	96.1	78.8	140.1	75.9	0.840	71	167	S by E	27	...	Fine with light clouds.
23	29.778	0.133	84.3	77.4	92.8	78.3	136.1	74.9	0.847	72	132	SE by S	48	...	Passing clouds.
24	29.790	0.127	83.8	76.8	93.9	77.2	136.0	74.3	0.828	72	158	S by E	67	...	Do.
25	29.764	0.148	84.3	77.0	95.4	77.3	149.3	74.9	0.830	71	180	S S E	52	...	Light clouds.
26	29.733	0.101	82.4	75.1	94.9	76.4	149.4	74.4	0.774	70	197	South	57	0.02	Do.
27	29.706	0.109	83.9	76.1	90.4	76.1	126.9	73.3	0.797	68	177	South	88	...	Cloudy.
28	29.725	0.109	83.1	77.1	94.7	77.2	143.4	74.3	0.851	75	194	S by W	70	0.04	Do.
29	29.778	0.093	78.6	74.6	94.4	76.0	142.1	74.1	0.804	82	158	S S W	92	2.63	Cloudy: rain.
30	29.731	0.134	82.8	74.3	91.2	75.7	136.3	72.8	0.735	65	194	S W	67	...	Fine with light clouds.
31	29.692	0.114	82.9	72.8	91.7	75.8	135.7	72.1	0.672	60	199	West	83	...	Cloudy.
Mean	29.739	0.123	82.3	75.5	91.0	76.7	135.3	74.5	0.793	72	173	SW by S	68	6.91	

Madras Meteorological Observations. 1870—September.

September 1870	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
	Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches
1	29.711	0.095	82.8	74.2	93.8	77.3	139.1	74.2	0.731	65	170	S W	68	...	Light clouds.
2	29.787	0.100	83.7	76.5	92.6	78.2	140.3	76.2	0.817	71	150	South	58	0.01	Do.
3	29.815	0.134	82.3	76.6	89.5	77.4	140.2	75.2	0.840	76	132	S E	50	...	Fine with passing clouds.
4	29.788	0.165	82.4	77.2	88.5	77.3	137.3	74.4	0.865	78	160	SE by S	72	0.27	Cloudy : rain.
5	29.812	0.100	79.4	75.3	87.1	77.5	130.9	75.2	0.824	82	109	SW by S	70	1.37	Thunderstorm.
6	29.796	0.127	80.7	75.5	90.1	74.9	139.3	73.4	0.814	78	112	South	43	...	Passing clouds.
7	29.816	0.125	82.9	76.6	88.1	77.7	137.3	74.4	0.833	74	123	S E	47	...	Do.
8	29.809	0.126	81.3	75.5	89.4	76.7	134.2	73.6	0.806	76	143	SE by S	55	...	Passing clouds: th. and lg.
9	29.797	0.102	81.4	75.9	92.5	75.7	143.0	73.3	0.822	77	170	SW by S	73	2.11	Cloudy : rain : th. N.W. and S.W.
10	29.791	0.121	83.4	76.6	93.0	75.9	135.6	74.6	0.825	72	158	S W	35	...	Fine with passing clouds.
11	29.798	0.113	82.0	75.1	91.0	77.4	143.1	75.2	0.779	71	137	W S W	82	...	Cloudy.
12	29.787	0.129	81.3	74.7	87.9	73.3	121.3	73.3	0.772	73	132	West	97	...	Overcast.
13	29.766	0.143	76.1	74.5	78.5	74.9	97.3	74.4	0.834	93	105	W N W	100	1.12	Overcast with rain.
14	29.728	0.126	74.9	73.4	75.7	73.9	97.6	72.8	0.804	93	106	W N W	97	1.61	Do.
15	29.726	0.101	79.3	76.3	88.8	75.1	140.3	73.0	0.867	87	111	W S W	92	3.18	Cloudy : rain : lg.
16	29.742	0.103	80.2	77.3	85.6	74.9	107.4	73.8	0.900	87	93	S S W	85	1.59	Do. do. do.
17	29.737	0.102	78.4	75.5	85.5	74.5	120.8	73.3	0.845	87	128	W S W	88	0.78	Do. do. do.
18	29.738	0.124	79.7	76.1	85.1	75.6	107.1	74.4	0.854	85	84	W by S	97	0.03	Overcast.
19	29.706	0.128	79.9	76.0	85.4	76.8	118.6	75.0	0.846	82	120	SW by S	100	0.42	Overcast with rain.
20	29.689	0.122	81.0	75.7	87.7	75.7	133.8	74.4	0.819	77	159	S W	78	0.07	Cloudy : lg.
21	29.718	0.147	82.1	76.1	90.7	75.8	136.3	72.2	0.821	75	218	S by W	33	...	Fine, with passing clouds.
22	29.753	0.151	82.3	76.4	91.3	76.7	137.4	74.3	0.831	75	218	S by W	50	...	Do.
23	29.766	0.156	81.2	75.8	92.7	76.6	137.5	71.9	0.779	66	255	S S W	48	...	Do.
24	29.769	0.152	83.7	75.9	92.3	78.7	137.6	75.6	0.791	68	151	W S W	63	...	Passing clouds.
25	29.764	0.130	83.5	74.6	91.7	78.0	136.1	73.5	0.738	63	162	W by S	17	...	Fine.
26	29.769	0.153	82.9	72.9	92.4	76.3	139.1	72.3	0.675	60	185	W by S	23	...	Light clouds.
27	29.747	0.149	83.1	74.8	93.2	76.4	137.1	71.3	0.752	66	187	West	23	...	Do.
28	29.729	0.144	83.5	73.8	90.7	77.2	134.9	72.2	0.704	61	161	West	92	...	Cloudy.
29	29.749	0.116	82.1	75.8	89.4	76.9	127.0	74.8	0.808	74	100	NW by W	87	0.02	Do.
30	29.771	0.144	82.6	77.4	92.9	76.9	128.8	73.4	0.872	78	81	SW by W	83	...	Do.
Mean	29.762	0.128	81.4	75.6	89.1	76.3	130.5	73.9	0.809	76	144	S W	67	12.58	

Madras Meteorological Observations. 1870—October.

October 1870	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sum	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.							
									Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.801	0.121	83.7	77.6	95.0	78.1	147.8	74.6	0.866	75	130	S S E	33	...	Fine with light clouds.
2	29.815	0.135	83.2	77.3	91.5	75.8	139.3	73.9	0.858	75	160	S by E	63	...	Passing clouds.
3	29.852	0.111	82.0	77.1	92.5	77.8	140.1	76.2	0.866	79	183	S by E	55	0.23	Passing clouds : rain.
4	29.868	0.139	82.6	76.8	93.0	75.9	144.9	73.3	0.845	76	179	S by E	60	...	Cloudy : lg.
5	29.819	0.150	79.4	74.8	88.2	71.1	136.7	70.1	0.802	80	136	S W	62	2.21	Cloudy day : rain.
6	29.837	0.129	82.9	77.8	91.4	77.3	136.0	75.1	0.883	79	163	S by W	30	...	Fine with light clouds.
7	29.859	0.131	82.4	77.5	89.0	75.9	135.3	73.1	0.879	79	163	S S E	13	...	Fine : lg.
8	29.866	0.140	80.3	76.1	88.1	72.9	137.2	71.1	0.845	81	174	South	49	0.30	Passing clouds : rain : lg.
9	29.836	0.144	80.8	76.2	88.1	74.7	141.1	72.3	0.843	80	102	South	18	...	Fine.
10	29.852	0.136	80.8	76.4	88.2	76.0	134.1	73.3	0.851	80	84	S S E	49	...	Fine with light clouds.
11	29.871	0.155	82.3	77.2	90.0	76.0	149.2	72.6	0.867	79	88	SE by E	40	0.02	Fine.
12	29.817	0.126	81.7	76.3	91.2	75.1	140.3	71.0	0.835	77	98	SE by E	43	...	Fine with light clouds.
13	29.793	0.152	82.3	77.0	92.4	76.2	141.1	72.9	0.851	76	104	SE by E	7	...	Fine.
14	29.803	0.108	81.1	76.6	89.4	74.9	138.1	74.5	0.856	81	112	SE by E	53	1.35	Cloudy : rain : lg.
15	29.810	0.145	79.8	76.9	88.3	77.1	139.5	76.6	0.883	87	70	NE by E	43	0.09	Cloudy : rain.
16	29.816	0.129	81.7	77.1	88.8	76.1	139.8	74.4	0.870	81	102	NE by E	42	...	Fine with passing clouds.
17	29.818	0.120	80.3	76.2	89.4	74.9	142.9	74.1	0.850	82	105	N E	63	0.38	Cloudy : rain.
18	29.807	0.148	75.9	74.1	82.3	72.3	128.9	72.7	0.820	92	122	North	93	3.80	Overcast : heavy rain.
19	29.762	0.144	74.5	73.5	77.2	74.1	97.3	73.3	0.814	95	175	NW by N	100	5.68	Continuous rain.
20	29.631	0.138	75.6	74.4	78.1	73.9	104.8	73.8	0.836	94	164	North	97	5.93	Overcast with heavy rain.
21	29.689	0.114	79.6	76.2	86.4	74.6	140.6	73.8	0.859	85	145	SW by S	87	0.02	Chiefly overcast.
22	29.699	0.149	80.6	77.2	86.7	75.5	139.9	75.2	0.889	85	150	S S E	90	0.79	Overcast : thunderstorm.
23	29.707	0.127	78.2	75.8	83.4	74.9	117.0	73.5	0.860	89	91	SW by W	98	0.96	Overcast : rain.
24	29.763	0.086	78.2	76.4	80.1	76.5	104.2	76.0	0.887	92	88	S by W	97	0.21	Overcast : light rain.
25	29.781	0.120	80.1	77.0	85.5	75.9	114.4	73.6	0.888	87	111	S by E	90	...	Cloudy.
26	29.791	0.133	82.0	73.5	90.1	76.0	132.6	72.3	0.713	65	172	S by W	53	...	Light clouds.
27	29.809	0.120	81.6	75.7	91.3	75.9	139.8	73.9	0.811	75	126	S by E	40	...	Fine with passing clouds : lg.
28	29.856	0.110	79.7	75.1	87.8	75.0	137.4	74.0	0.811	80	105	NW by W	57	1.07	Cloudy : rain.
29	29.864	0.120	78.7	73.2	87.1	74.3	139.3	71.9	0.745	76	89	N N W	53	...	Fine with passing clouds.
30	29.871	0.124	78.1	73.9	86.3	71.4	131.5	70.4	0.782	81	116	N by W	55	...	Light clouds.
31	29.861	0.110	78.6	72.5	86.0	71.5	132.4	67.5	0.718	74	114	N by W	30	...	Fine with light clouds.
Mean	29.811	0.129	80.3	75.9	87.8	75.1	133.4	73.3	0.838	81	127	SW by S	56	23.04	

Madras Meteorological Observations. 1870—November.

November 1870	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.849	0.126	78.8	74.1	84.5	72.5	139.7	69.7	0.781	79	90	N by W	53	...	Hazy.
2	29.809	0.132	80.2	75.0	90.3	73.5	134.3	70.8	0.799	77	91	E N E	23	...	Fine.
3	29.773	0.136	82.2	76.8	91.3	76.1	136.9	74.4	0.851	77	108	S E	67	...	Cloudy.
4	29.742	0.137	81.4	76.0	87.7	75.9	142.0	74.0	0.826	77	127	W by S	80	...	Do.
5	29.742	0.125	81.7	73.9	91.4	74.4	136.2	70.3	0.733	68	145	S W	33	...	Fine with light clouds.
6	29.813	0.100	80.8	76.5	87.7	76.2	136.5	73.1	0.856	82	127	SE by S	63	...	Passing clouds.
7	29.857	0.104	81.2	76.6	88.0	75.3	133.7	76.2	0.855	81	92	E S E	70	0.04	Cloudy.
8	29.910	0.105	82.0	77.0	87.9	76.3	134.1	75.6	0.862	79	133	NE by E	47	0.13	Fine with passing clouds : rain.
9	29.955	0.096	82.1	75.7	88.4	76.2	138.7	74.2	0.803	73	187	NE by N	43	...	Fine with passing clouds.
10	29.954	0.153	76.6	75.1	77.9	75.1	89.1	73.4	0.852	93	78	North	90	0.41	Nearly overcast : frequent showers.
11	29.921	0.132	81.2	77.1	87.6	75.2	139.9	74.8	0.877	83	125	N E	57	0.09	Passing clouds : showers.
12	29.939	0.100	81.2	76.6	88.1	74.9	135.1	74.7	0.855	81	155	NE by N	50	0.10	Do. do.
13	29.924	0.124	80.4	75.4	86.4	78.7	135.2	74.5	0.814	78	234	NE by N	47	0.44	Passing clouds : rain.
14	29.930	0.111	75.0	73.9	77.1	74.1	88.1	74.1	0.824	95	121	E N E	87	1.54	Chiefly overcast : rain.
15	29.941	0.119	76.6	74.1	84.7	70.3	143.6	70.1	0.810	88	129	N by E	78	1.28	Cloudy : rain.
16	29.958	0.109	78.3	74.5	86.2	73.1	138.6	71.7	0.803	83	116	North	27	0.02	Fine with passing clouds.
17	29.968	0.121	78.1	74.6	86.5	74.0	135.7	73.4	0.811	84	171	N by E	58	0.37	Passing clouds : rain.
18	29.954	0.143	79.0	74.5	86.0	73.2	135.4	71.4	0.795	80	150	N E	62	0.08	Do. do.
19	29.997	0.105	78.6	74.1	85.8	74.0	135.9	70.3	0.783	80	155	N N E	25	...	Fine with passing clouds.
20	30.037	0.114	78.0	73.7	86.7	72.8	138.4	70.1	0.775	81	126	N N E	27	...	Do.
21	30.034	0.117	78.5	74.5	87.0	73.2	138.1	69.4	0.802	82	138	NE by N	60	0.14	Passing clouds : showers.
22	29.961	0.161	78.4	74.3	86.4	72.2	139.2	70.5	0.815	84	140	N by E	67	2.05	Passing clouds : rain.
23	29.932	0.121	79.8	75.0	86.0	74.4	133.5	73.1	0.805	79	109	N E	33	0.02	Fine with passing clouds.
24	30.005	0.089	70.0	73.4	85.9	72.3	132.2	68.6	0.749	76	87	East	37	...	Passing clouds.
25	30.019	0.111	79.1	72.8	86.1	72.9	134.4	69.3	0.723	73	148	NE by N	50	0.23	Passing clouds : rain.
26	30.026	0.114	77.0	70.7	86.5	70.0	136.4	66.1	0.668	72	144	N N E	25	...	Fine with light clouds.
27	30.007	0.107	76.3	70.1	84.5	70.8	139.1	66.2	0.654	72	182	N by E	43	...	Fine with passing clouds.
28	29.995	0.109	76.4	68.5	84.7	71.0	135.4	68.3	0.592	65	181	N by E	40	...	Do.
29	29.981	0.090	77.0	70.8	85.1	71.1	141.4	66.1	0.671	72	209	North	57	...	Light clouds.
30	29.980	0.092	75.7	73.0	77.7	73.0	88.5	69.9	0.777	87	199	North	93	0.32	Overcast with showers.
Mean	29.930	0.117	79.0	74.3	86.0	73.8	132.2	71.5	0.787	79	140	N E	53	7.26	

Madras Meteorological Observations. 1870—December.

December 1870	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	30.015	0.076	76.9	74.1	85.4	74.9	140.8	71.2	0.806	87	209	N N E	90	1.27	Overcast.
2	30.032	0.106	78.7	72.6	84.8	73.9	131.0	73.0	0.721	74	241	N N E	60	0.02	Passing clouds.
3	30.060	0.103	77.9	71.0	85.2	70.7	134.0	66.5	0.667	70	209	N N E	40	...	Fine with passing clouds.
4	30.064	0.110	76.9	69.8	84.8	69.9	134.0	66.0	0.635	69	220	NE by N	33	...	To.
5	30.044	0.124	73.6	69.0	84.9	68.3	139.8	63.3	0.649	78	151	N N E	53	...	Passing clouds.
6	30.029	0.109	74.9	69.3	84.2	67.9	131.2	63.2	0.643	74	174	N by E	27	...	Fine with light clouds.
7	30.050	0.106	74.7	66.9	83.7	66.0	136.6	60.6	0.557	65	192	N by E	27	...	Do.
8	30.044	0.102	72.8	68.1	75.9	67.2	101.1	61.6	0.625	77	176	N by W	80	...	Cloudy.
9	30.041	0.097	74.5	69.6	83.5	72.3	137.6	70.0	0.658	77	252	N by W	97	...	Overcast.
10	30.045	0.096	74.6	69.4	81.5	71.9	124.9	70.2	0.650	75	202	N by W	65	0.04	Cloudy day : fine night.
11	30.031	0.135	73.9	67.9	83.3	67.0	131.6	61.2	0.604	72	186	N N W	33	...	Fine with light clouds.
12	29.986	0.121	74.3	69.4	81.7	68.3	135.6	63.2	0.654	76	172	N N W	50	...	Fine with passing clouds.
13	30.002	0.110	72.7	67.9	82.8	67.8	131.7	63.3	0.620	77	140	N by W	55	...	Passing clouds.
14	30.024	0.088	75.0	69.0	84.8	66.9	139.5	62.0	0.630	72	188	N by W	70	...	Do.
15	30.020	0.123	75.4	69.1	83.7	69.9	133.0	64.7	0.628	71	211	North	50	...	To.
16	29.990	0.111	75.3	69.9	85.4	66.8	143.8	60.8	0.660	75	195	N by W	47	...	Fine with passing clouds.
17	29.961	0.139	75.4	69.9	84.1	68.4	137.2	62.9	0.659	75	214	N by W	33	...	Do.
18	29.970	0.091	74.0	68.3	82.2	68.8	135.0	63.9	0.617	73	222	N N W	33	...	Do.
19	29.968	0.130	72.5	66.1	82.6	65.0	137.3	57.9	0.557	69	204	N by W	30	...	Fine with light clouds.
20	29.980	0.142	72.4	65.7	83.2	66.5	138.3	61.2	0.544	67	167	N N W	53	...	Passing clouds.
21	29.889	0.122	70.0	63.3	82.5	62.3	135.4	56.2	0.494	67	105	North	33	...	Fine with light clouds.
22	29.943	0.092	69.8	63.3	81.8	59.1	133.0	53.8	0.496	68	104	North	37	...	Fine with passing clouds.
23	29.981	0.108	73.1	67.1	83.8	63.9	139.2	61.1	0.585	72	181	N N W	58	...	Passing clouds.
24	29.994	0.093	76.5	68.9	84.7	70.6	138.5	66.4	0.606	66	292	N by W	63	...	Do.
25	29.974	0.108	75.9	68.2	84.8	70.7	141.6	65.2	0.588	65	246	North	40	...	To.
26	29.937	0.120	74.3	68.3	84.1	65.7	134.9	60.4	0.613	72	187	North	20	...	Chiefly fine.
27	29.936	0.090	74.5	68.9	81.2	66.5	134.0	61.2	0.633	74	232	N N W	60	...	Chiefly cloudy.
28	29.959	0.099	74.4	71.8	79.9	73.9	101.1	70.9	0.747	88	184	N by W	100	0.30	Overcast with light showers.
29	29.962	0.110	74.9	70.7	79.2	73.1	98.2	71.4	0.696	80	173	N by W	98	...	Overcast.
30	29.933	0.125	74.0	69.7	82.9	68.4	134.2	66.0	0.670	80	174	N by W	88	...	Cloudy.
31	29.917	0.124	75.3	70.8	85.2	68.7	133.1	64.7	0.695	79	152	N by W	60	...	Passing clouds.
Mean	29.991	0.110	74.5	68.8	83.2	68.4	132.2	64.0	0.632	74	192	North	54	1.63	

Madras Mean Monthly and Annual Meteorological Results in 1870.

	Barometer		Dry Bulb Thermometer				Wet Bulb		Tension of Vapour		Relative Humidity		Sun Maximum	Minimum on Grass	Wind		Rain		Clear Sky
	Reduced to 32°	Daily Range	Mean	Max.	Min.	Range	Mean	Min.	By Blandford's Tables	Inches	Cents	Points			Mean Direction	Amount	Days		
	Inches	Inches	°	°	°	°	°	°	Inches	Cents	°	°	Miles	Points	Inches	No.	Cents		
January.....	29.896	0.114	75.7	83.7	70.0	13.7	70.5	67.0	0.683	77	132.4	65.8	175	2	N N E	6.55	6	44	
February.....	29.911	0.123	75.9	86.2	66.8	19.4	69.5	65.2	0.640	71	136.2	61.5	140	3	N E by N	0.05	2	79	
March.....	29.876	0.121	79.1	87.9	71.2	16.7	73.3	70.1	0.746	75	137.1	68.6	132	10	E S E	1.72	1	75	
April.....	29.786	0.135	84.3	91.1	76.6	17.5	76.3	73.7	0.804	68	141.5	73.9	207	14	S S E	...	...	76
May.....	29.669	0.125	88.9	101.5	82.7	18.8	76.9	73.6	0.766	56	146.4	80.9	264	16	South	...	...	59
June.....	29.691	0.114	85.0	94.6	79.2	15.4	76.2	73.3	0.785	66	133.8	77.4	206	18	S S W	8.63	12	31	
July.....	29.709	0.117	82.4	91.6	76.7	14.9	75.1	72.5	0.774	70	127.7	74.5	186	21	S W by W	5.70	16	14	
August.....	29.730	0.123	82.3	91.0	76.7	14.3	75.5	72.7	0.793	72	135.3	74.5	173	19	S W by S	6.94	13	32	
September.....	29.762	0.128	81.4	89.1	76.3	12.8	75.6	72.9	0.809	76	130.5	73.9	144	20	S W	12.58	13	33	
October.....	29.811	0.129	80.3	87.8	73.1	12.7	75.9	73.2	0.838	81	133.4	73.3	127	19	S W by S	23.04	15	44	
November.....	29.930	0.117	79.0	86.0	73.8	12.2	74.3	71.9	0.787	79	132.2	71.5	140	4	N E	7.26	16	47	
December.....	29.901	0.110	74.5	83.2	68.4	14.8	69.8	66.2	0.632	74	132.2	64.0	192	0	North	1.63	4	46	
Annual.....	29.814	0.121	80.7	89.7	74.5	15.3	74.0	71.1	0.755	72	134.9	71.7	174	12	S E	74.10	98	48	

Madras Extreme Monthly Meteorological Records in 1870.

	Barometer			Dry Bulb Thermometer			Wet Bulb		Humidity		Sun Thermometer		Grass Thermometer		Wind			Rain					
	Highest		Lowest	Range		Highest		Lowest		Lowest		Lowest		Lowest		Highest		Lowest		Greatest Fall			
	Inches	Day	Inches	Day	Inches	°	Day	°	Day	Cents	Day	°	Day	°	Day	Miles	Day	Miles	Day	Inches	Day		
January ...	30.080	29	29.682	15	0.398	86.8	6	62.4	13	58.1	13	36	13	144.2	14	57.9	13	419	15	57	19	4.81	15
February ...	30.068	19	29.782	6	0.286	88.7	14	60.7	6	60.1	6	44	5	142.5	9	53.0	6	304	28	56	6	0.04	28
March ...	30.014	1	29.712	31	0.302	91.3	29	66.7	12	66.0	12	52	30	143.7	19	63.1	12	221	17	61	3	1.72	1
April ...	29.936	3	29.580	28	0.347	105.5	28	71.4	5	69.4	6	25	27	152.6	28	67.0	5	309	10	121	4	...	...
May ...	29.828	1	29.484	10	0.344	110.6	12	80.5	3	67.8	12	17	10	150.6	12	77.8	13	324	28	188	11	...	...
June ...	29.826	23	29.543	15	0.283	101.2	2	71.1	12	70.4	12	35	1	146.4	1	72.9	12	285	16	120	13	3.35	13
July ...	29.837	24	29.583	8	0.254	98.3	9	73.1	27	70.3	29	44	26	143.1	6	71.8	11	259	10	89	4	1.86	30
August ...	29.845	1	29.597	3	0.248	96.1	22	73.1	8	69.7	16	43	31	149.1	26	72.1	31	286	14	93	8	2.63	29
September ...	29.873	3	29.630	20	0.243	93.8	1	73.3	12	70.2	1	40	26	143.1	11	71.3	27	255	23	81	30	3.18	15
October ...	29.946	11	29.628	20	0.323	95.0	1	71.1	5	69.3	5	50	26	147.8	1	67.5	31	183	3	70	15	5.93	20
November ...	30.091	21	29.670	5	0.424	91.4	5	70.0	26	64.7	28	45	5	143.6	15	66.1	29	234	13	78	10	2.05	22
December ...	30.121	4	29.834	21	0.287	85.4	1	59.1	22	58.1	22	51	20	143.8	16	53.8	22	292	24	104	22	1.27	1

Madras Meteorological Observations. 1871—January.

January 1871	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.911	0.096	76.8	71.1	84.6	68.8	135.0	65.0	0.686	74	208	N by W	72	...	Passing clouds.
2	29.962	0.106	75.4	70.7	83.7	70.2	132.2	67.2	0.690	78	160	N by W	63	...	Do.
3	29.973	0.135	76.2	70.6	85.3	69.4	136.0	64.2	0.675	75	141	North	63	...	Do.
4	29.956	0.145	74.4	70.0	84.9	65.8	134.9	58.9	0.675	79	127	North	35	...	Fine with light clouds.
5	29.917	0.104	71.1	69.9	86.1	68.8	138.1	63.2	0.677	89	120	North	47	...	Fine with passing clouds.
6	29.907	0.110	76.5	70.8	85.0	70.0	135.3	65.0	0.678	74	210	N by W	47	...	Fine with light clouds.
7	29.942	0.089	75.0	68.9	84.7	67.0	134.4	60.0	0.627	72	180	N by W	72	...	Chiefly cloudy.
8	29.937	0.099	71.6	69.5	83.4	69.2	131.9	66.2	0.655	77	228	NW by N	77	...	Cloudy.
9	29.922	0.144	75.5	69.3	81.6	70.0	115.6	67.5	0.634	72	217	N N W	95	...	Do.
10	29.909	0.160	74.9	69.3	82.8	67.1	122.6	60.7	0.643	74	210	North	93	...	Do.
11	29.905	0.135	76.8	70.9	83.7	73.7	121.0	69.7	0.678	73	210	North	99	...	Do.
12	29.908	0.107	76.6	70.7	85.4	71.2	136.2	64.9	0.673	73	219	North	55	...	Passing clouds.
13	29.926	0.098	75.7	70.1	84.8	68.6	140.0	63.7	0.663	75	200	North	50	...	Fine with passing clouds.
14	29.914	0.101	76.5	71.9	85.3	68.1	137.2	62.4	0.722	79	199	N by E	30	...	Do.
15	29.897	0.130	78.4	72.1	86.1	75.1	136.8	73.2	0.705	73	234	NE by N	23	...	Do.
16	29.894	0.101	76.1	72.7	84.6	70.8	140.1	66.3	0.759	84	110	E N E	73	0.10	Cloudy, with light showers.
17	29.889	0.136	78.5	74.5	85.3	74.0	139.9	72.3	0.802	82	103	E by S	60	0.05	Cloudy day : fine night.
18	29.956	0.107	79.8	75.1	87.2	72.5	139.5	68.1	0.809	79	154	NE by E	30	...	Fine with passing clouds.
19	30.005	0.122	77.7	72.9	85.8	72.2	131.1	70.5	0.746	79	177	N by W	43	0.29	Fine with passing clouds : rain.
20	29.967	0.144	77.2	72.8	85.7	69.8	139.7	65.2	0.748	80	167	N by W	23	...	Fine with passing clouds.
21	29.967	0.113	75.7	69.3	85.7	68.0	134.7	61.5	0.631	71	127	North	20	...	Fine.
22	29.993	0.113	76.0	68.0	83.8	67.5	136.5	61.3	0.579	64	150	North	33	...	Fine with passing clouds.
23	29.999	0.115	74.7	66.0	83.3	70.0	135.6	65.7	0.524	60	144	N by E	37	...	Do.
24	29.985	0.144	72.3	66.1	83.9	64.4	134.3	58.1	0.569	70	140	N by W	43	...	Do.
25	29.993	0.115	75.4	68.7	84.0	67.5	132.1	61.7	0.613	70	198	N by W	59	...	Do.
26	30.048	0.104	75.3	70.1	84.9	70.5	141.6	67.3	0.668	76	163	N N W	82	...	Cloudy.
27	30.051	0.112	76.1	69.7	85.7	70.3	134.0	66.4	0.641	71	153	N by W	0	...	Clear.
28	30.041	0.119	73.5	66.7	84.7	64.2	133.9	57.5	0.565	69	108	N N E	0	...	Do.
29	30.026	0.133	73.1	65.8	84.2	66.5	133.1	60.3	0.539	66	86	NE by N	3	...	Fine.
30	30.022	0.122	72.3	66.0	83.3	62.2	132.3	55.8	0.556	70	90	NE by E	3	...	Do.
31	30.041	0.118	72.7	65.6	83.1	63.4	136.3	57.2	0.537	67	95	N E	27	...	Fine with passing clouds.
Mean	29.960	0.119	75.6	69.9	84.6	68.9	134.3	64.1	0.657	74	162	N by E	46	0.14	

Madras Meteorological Observations. 1871—February.

February 1871	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sum	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	30.025	0.144	74.3	67.6	86.3	64.5	133.9	58.8	0.587	69	131	N by E	7	...	Fine.
2	30.003	0.128	75.7	69.5	86.6	64.8	135.8	58.9	0.639	72	147	North	21	...	Fine with passing clouds.
3	29.987	0.108	73.6	68.6	86.1	64.0	134.0	56.4	0.633	76	90	N N E	33	...	Fine with light clouds.
4	29.959	0.133	73.4	67.9	90.2	63.4	138.7	55.9	0.611	74	100	E by N	3	...	Fine.
5	29.924	0.140	74.2	69.3	90.5	64.0	138.1	57.1	0.651	76	106	E S E	0	...	Clear.
6	29.895	0.136	72.9	68.2	87.5	62.6	135.9	55.4	0.628	77	111	SE by E	2	...	Fine.
7	29.897	0.125	73.6	68.8	85.2	63.5	135.3	56.8	0.641	77	106	East	3	...	Do.
8	29.898	0.119	74.6	69.1	85.1	63.8	134.9	56.8	0.639	74	108	NE by E	3	...	Do.
9	29.915	0.132	74.1	68.9	84.7	65.2	132.3	59.5	0.639	75	101	N E	3	...	Do.
10	29.915	0.116	75.7	68.7	86.2	65.2	135.2	59.8	0.609	69	113	N N E	2	...	Clear.
11	29.926	0.107	75.3	68.1	85.2	65.0	135.2	59.4	0.592	67	150	North	2	...	Do.
12	29.929	0.113	78.3	72.6	87.2	70.4	140.1	66.4	0.726	75	181	North	73	...	Cloudy.
13	29.909	0.163	78.9	73.6	87.2	73.7	137.4	69.8	0.759	77	127	N E	47	...	Fine with passing clouds.
14	29.916	0.141	78.7	72.0	87.4	71.1	142.4	66.1	0.696	71	112	E N E	20	...	Clear.
15	29.914	0.129	77.2	68.8	85.4	67.0	133.6	61.6	0.592	63	130	E by N	2	...	Fine.
16	29.903	0.147	77.3	72.1	86.3	67.5	134.2	62.4	0.719	76	165	E by S	22	...	Fine with passing clouds.
17	29.878	0.140	80.6	74.5	91.8	73.8	142.2	71.1	0.774	74	170	SE by E	17	...	Do.
18	29.889	0.138	80.8	75.6	89.6	76.1	144.2	72.8	0.816	78	143	E S E	33	...	Do.
19	29.903	0.130	79.9	74.8	87.2	74.1	136.2	70.5	0.795	78	159	East	57	...	Passing clouds : th. and lg.
20	29.889	0.120	79.8	73.7	88.4	72.4	135.1	68.7	0.751	74	145	E by N	37	...	Fine with passing clouds.
21	29.950	0.119	79.8	73.5	86.7	71.9	135.2	68.2	0.742	73	128	E N E	27	...	Do.
22	29.975	0.133	80.0	73.2	88.6	71.7	140.7	67.4	0.727	71	139	N E	27	...	Fine with light clouds.
23	29.932	0.147	76.8	70.5	90.9	69.8	144.5	64.4	0.663	72	64	E N E	75	...	Cloudy.
24	29.949	0.110	77.2	70.9	89.2	66.7	136.4	60.5	0.673	72	70	NE by E	7	...	Fine.
25	29.957	0.127	77.1	70.7	91.1	67.5	138.5	61.1	0.665	71	89	NE by N	50	...	Fine with haze.
26	29.923	0.116	79.1	73.7	89.1	69.3	138.0	65.6	0.760	76	134	N by E	57	...	Fine with passing clouds.
27	29.899	0.116	81.3	75.7	90.9	74.8	142.8	71.4	0.815	77	167	N N E	67	0.02	Passing clouds.
28	29.912	0.118	81.1	76.0	88.8	75.5	140.7	73.0	0.830	78	141	E by N	37	...	Fine with passing clouds.
Mean	29.928	0.128	77.2	71.3	87.8	68.5	137.6	63.4	0.692	74	126	NE by E	26	0.02	

Madras Meteorological Observations. 1871—March.

March 1871.	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city.	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.922	0.146	81.5	75.0	88.6	75.4	136.1	72.2	0.782	73	181	SE by E	20	...	Fine.
2	29.891	0.158	81.6	75.7	90.0	75.5	142.2	73.2	0.811	75	242	SE by E	40	...	Fine with passing clouds.
3	29.842	0.165	82.2	75.6	91.0	76.5	141.5	74.6	0.798	73	291	S E	43	...	Do.
4	29.859	0.157	79.1	75.1	85.8	76.1	120.8	74.6	0.819	82	218	S E	68	0.14	Passing clouds : rain.
5	29.886	0.158	81.2	76.0	92.1	74.8	142.9	72.4	0.829	78	207	S E	57	0.61	Cloudy : rain with th. and lg.
6	29.949	0.112	77.8	73.6	85.9	70.9	137.1	69.2	0.774	81	111	E S E	77	0.44	Cloudy : rain.
7	29.961	0.124	80.2	74.9	87.7	73.9	134.2	71.5	0.795	77	123	NE by E	35	...	Fine with passing clouds.
8	29.972	0.103	80.8	74.7	88.1	73.4	134.9	70.8	0.779	74	116	E N E	23	...	Do.
9	29.994	0.121	78.3	72.1	86.9	71.0	135.6	68.2	0.706	73	88	NE by E	27	...	Do.
10	29.958	0.136	75.3	68.5	86.8	66.0	133.9	61.0	0.607	70	89	N E	7	...	Fine.
11	29.956	0.115	75.8	68.9	89.1	65.2	136.3	60.7	0.615	69	72	NE by E	2	...	Clear.
12	29.955	0.142	76.0	69.9	87.2	68.1	133.3	64.5	0.651	73	82	E N E	12	...	Fine.
13	29.933	0.155	76.4	70.7	87.9	66.9	135.5	61.7	0.677	74	100	E by N	10	...	Do.
14	29.882	0.137	79.4	71.4	93.8	67.0	139.2	61.6	0.663	66	114	E S E	17	...	Fine with passing clouds.
15	29.839	0.147	80.2	72.5	93.5	69.2	137.7	64.6	0.697	67	174	S E	3	...	Fine.
16	29.857	0.138	80.6	73.4	90.7	71.5	135.1	66.6	0.727	69	169	SE by E	0	...	Clear.
17	29.869	0.145	80.1	73.7	89.9	71.1	135.9	66.0	0.748	72	150	E S E	3	...	Do.
18	29.858	0.122	79.6	74.3	91.0	71.0	137.7	65.3	0.778	77	113	E by S	5	...	Fine.
19	29.893	0.089	79.0	73.0	90.5	72.1	135.7	67.5	0.732	74	109	E by N	7	...	Do.
20	29.939	0.130	78.7	72.5	89.5	69.2	131.0	64.0	0.716	73	111	N E	22	...	Fine with light clouds.
21	29.964	0.114	78.9	72.8	89.8	68.7	135.4	63.0	0.726	74	93	N E	10	...	Fine.
22	29.924	0.148	81.6	73.3	94.9	70.7	140.4	65.6	0.709	66	112	East	17	...	Fine with light clouds.
23	29.922	0.115	79.9	73.4	92.8	71.2	137.5	66.1	0.737	72	115	E by S	47	...	Fine.
24	29.906	0.152	81.3	74.9	90.9	71.2	138.6	66.0	0.780	73	139	SE by E	73	...	Hazy.
25	29.904	0.135	81.6	74.8	92.2	73.8	139.6	70.1	0.772	72	172	SE by E	53	...	Fine with haze.
26	29.901	0.121	80.1	74.6	92.5	69.8	138.0	64.5	0.784	76	160	E S E	20	...	Fine with light clouds.
27	29.897	0.140	81.6	75.6	89.1	72.9	135.1	67.8	0.806	75	191	E S E	12	...	Fine.
28	29.891	0.143	82.6	75.8	89.9	74.1	136.5	69.7	0.802	72	163	E by S	22	...	Fine with passing clouds.
29	29.917	0.124	81.6	75.7	90.0	75.0	143.4	71.3	0.811	75	161	E by S	30	...	Do.
30	29.896	0.126	81.8	74.8	91.7	74.0	137.7	69.3	0.769	71	150	E by S	32	...	Do.
31	29.865	0.140	81.6	75.1	89.6	73.0	136.3	67.5	0.785	73	175	E S E	17	...	Fine with light clouds.
Mean	29.910	0.134	79.9	73.6	90.0	71.6	136.6	67.5	0.748	73	145	E by S	26	1.19	

Madras Meteorological Observations. 1871—April.

April 1871	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.876	0.129	81.8	75.5	91.0	73.4	137.0	68.3	0.800	74	162	SE by E	5	...	Fine.
2	29.908	0.137	81.3	75.5	89.7	74.4	134.3	69.1	0.806	76	151	E S E	18	...	Fine with passing clouds.
3	29.896	0.151	81.1	74.7	89.1	73.4	134.7	68.8	0.774	73	146	SE by E	10	...	Fine.
4	29.854	0.174	82.1	75.2	91.0	72.9	138.5	68.6	0.782	71	163	SE by E	23	...	Fine with light clouds.
5	29.865	0.143	82.2	76.6	91.4	74.7	136.7	70.3	0.842	77	194	E S E	8	...	Fine.
6	29.901	0.140	83.4	77.7	91.9	76.0	138.1	72.5	0.874	76	201	SE by E	17	...	Fine with light clouds.
7	29.866	0.133	83.6	77.2	91.5	75.9	137.5	72.9	0.848	73	219	SE by E	17	...	Do.
8	29.827	0.154	84.2	77.9	93.1	77.2	139.0	73.1	0.872	74	228	SE by E	32	...	Fine with passing clouds.
9	29.856	0.123	83.8	77.3	91.5	77.3	137.3	73.7	0.850	73	203	E S E	18	...	Fine.
10	29.849	0.112	84.7	78.3	92.0	78.1	139.2	74.5	0.883	74	150	E by S	25	...	Fine with light clouds.
11	29.983	0.118	84.0	77.3	92.0	77.5	141.3	73.7	0.847	73	124	East	43	...	Fine with passing clouds.
12	29.922	0.155	83.6	76.7	92.0	75.9	138.3	72.3	0.826	72	158	E S E	18	...	Fine.
13	29.848	0.146	83.1	77.1	90.8	74.3	136.5	69.9	0.851	75	194	SE by E	3	...	Clear.
14	29.829	0.143	83.9	78.0	93.1	76.3	139.9	72.6	0.880	75	211	SE by E	27	...	Fine with passing clouds.
15	29.799	0.142	85.6	78.7	96.0	78.7	140.1	75.7	0.889	72	277	S E	30	...	Fine with light clouds.
16	29.799	0.162	85.9	79.1	98.3	80.3	141.5	79.0	0.903	73	306	SE by E	47	...	Passing clouds.
17	29.826	0.147	84.5	77.9	92.2	80.8	141.9	79.5	0.868	74	235	SE by E	60	...	Do.
18	29.824	0.133	83.8	77.6	91.8	78.9	140.1	76.1	0.864	75	172	E S E	33	...	Fine with passing clouds.
19	29.801	0.162	84.3	77.4	93.3	76.9	143.5	74.2	0.847	72	190	E by S	38	...	Do.
20	29.789	0.137	84.6	77.2	92.4	77.0	138.2	72.6	0.835	70	206	E S E	8	...	Fine.
21	29.795	0.129	84.3	76.4	93.2	77.3	138.8	73.5	0.804	68	199	E S E	2	...	Clear.
22	29.753	0.163	85.1	77.7	93.8	76.8	142.1	72.9	0.851	70	226	S E	8	...	Fine: lg. W
23	29.731	0.167	86.3	78.6	95.6	79.9	142.0	76.5	0.875	70	263	SE by E	20	...	Do.: do.
24	29.724	0.147	86.9	76.9	98.4	80.1	144.3	79.1	0.791	62	258	S E	23	...	Fine with haze: lg. W.
25	29.764	0.113	85.2	79.0	92.3	80.0	138.5	77.3	0.908	75	232	E S E	47	...	Fine with passing clouds: lg. W.
26	29.782	0.117	85.5	78.8	93.6	79.3	142.2	76.5	0.896	73	184	E by S	53	...	Fine with passing clouds: lg. N. W.
27	29.770	0.102	84.6	78.3	90.8	80.0	131.7	76.5	0.885	74	109	East	82	0.01	Cloudy.
28	29.820	0.101	85.0	78.3	92.0	79.1	135.5	76.8	0.880	73	115	East	67	...	Passing clouds.
29	29.824	0.122	84.8	77.8	92.3	78.8	140.5	75.9	0.860	72	131	E by N	33	...	Fine with passing clouds.
30	29.813	0.112	84.7	77.3	92.0	78.5	140.4	75.8	0.839	70	166	E by S	23	...	Do.
Mean	29.833	0.137	84.1	77.4	92.6	77.3	139.0	73.9	0.851	73	192	E S E	28	0.01	

Madras Meteorological Observations. 1871—May.

May 1871	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather		
	Mean	Range			Dry		Sun	Grass									
			Dry	Wet	Max.	Min.			Max.	Min.	Vapour Tension	Hum- idity				Daily Velo- city	Mean Direc- tion
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points.	Cents.	Inches			
1	29.818	0.123	85.1	77.1	92.6	79.2	137.4	75.6	0.824	68	187	E S E	10	...	Fine.		
2	29.802	0.146	84.8	77.9	92.4	78.8	139.6	75.3	0.863	72	212	E S E	20	...	Fine : lg. S. W.		
3	29.782	0.131	86.2	78.3	94.5	79.1	141.5	76.0	0.863	68	144	East	10	...	Do.		
4	29.772	0.137	85.9	79.0	93.1	80.7	138.7	78.1	0.899	72	138	E by S	83	...	Cloudy : lg. W.		
5	29.746	0.126	86.0	75.8	95.6	77.9	140.4	75.6	0.755	61	143	SE by E	30	...	Fine with passing clouds: lg. S. W.		
6	29.741	0.153	86.6	77.9	98.8	79.3	144.0	76.9	0.838	66	173	SE by E	18	...	Fine.		
7	29.784	0.128	87.1	79.9	97.6	81.7	144.4	79.4	0.925	71	207	SE by E	37	...	Fine with passing clouds.		
8	29.749	0.129	87.9	79.7	98.2	81.1	145.7	79.8	0.904	69	262	SE by S	40	...	Fine p. cl. : th. and lg. N. W.		
9	29.728	0.143	86.8	76.5	101.5	78.0	143.5	77.3	0.775	61	212	S by E	72	...	Cloudy.		
10	29.753	0.123	86.8	78.1	98.9	80.6	145.4	78.3	0.845	66	164	S E	73	...	Passing clouds.		
11	29.770	0.100	87.0	76.7	96.0	80.7	141.0	79.3	0.781	61	199	S S E	47	...	Fine with light clouds: lg. N. W.		
12	29.776	0.092	86.1	76.2	94.7	80.4	134.6	79.1	0.770	61	200	S E	57	...	Passing clouds.		
13	29.761	0.164	87.0	78.0	96.1	81.2	141.6	79.5	0.838	65	192	S E	73	...	Do.		
14	29.712	0.140	88.7	76.8	103.2	82.4	146.4	79.7	0.762	56	173	S S E	80	0.08	Cloudy : th.		
15	29.723	0.109	86.5	74.3	103.0	75.5	140.4	73.1	0.684	54	178	S E	80	0.23	Cloudy : light rain.		
16	29.779	0.100	86.5	76.8	96.5	80.7	141.6	79.2	0.792	63	168	S E	92	...	Cloudy.		
17	29.768	0.126	88.0	76.5	103.6	83.1	150.1	81.6	0.759	57	248	S S E	37	...	Fine with light clouds.		
18	29.730	0.139	89.0	75.8	100.3	82.2	145.7	80.6	0.714	52	195	S E	42	...	Fine with passing clouds.		
19	29.737	0.091	88.4	76.4	99.1	82.6	140.6	81.3	0.749	56	199	SE by S	80	...	Cloudy.		
20	29.752	0.100	87.1	77.0	101.2	83.4	139.9	80.6	0.793	62	157	S S E	87	...	Do.		
21	29.712	0.127	88.6	74.1	104.3	82.3	145.0	81.7	0.648	48	243	S S E	30	...	Fine with light clouds.		
22	29.680	0.123	87.9	75.7	102.0	82.4	144.8	80.0	0.726	55	282	SE by S	13	...	Fine.		
23	29.697	0.101	87.0	77.5	102.2	82.1	143.7	80.8	0.817	64	254	SE by S	42	...	Fine with passing clouds: th. N. W.		
24	29.706	0.106	87.7	77.9	104.2	82.3	144.8	81.0	0.825	63	277	SE by S	33	...	Fine with passing clouds.		
25	29.732	0.112	87.4	79.2	97.8	82.4	142.4	81.6	0.888	68	336	S E	17	...	Fine.		
26	29.768	0.103	86.3	78.7	94.9	81.6	140.0	80.4	0.880	70	331	S E	10	...	Do.		
27	29.798	0.088	85.3	79.1	92.0	81.2	136.3	80.1	0.911	75	299	SE by E	27	...	Do.		
28	29.817	0.082	85.8	77.7	95.7	80.7	140.6	78.9	0.842	68	318	S E	10	...	Fine with light clouds.		
29	29.777	0.173	87.3	77.9	96.9	80.9	141.4	79.6	0.830	64	279	S E	7	...	Fine.		
30	29.724	0.152	88.4	76.2	104.2	82.6	146.0	81.2	0.740	55	241	S S E	22	...	Fine with passing clouds.		
31	29.693	0.124	87.9	76.4	98.7	80.9	141.8	79.5	0.756	57	266	SE by S	27	...	Fine with haze.		
Mean	29.751	0.122	87.0	77.3	98.4	80.9	142.2	79.1	0.806	63	222	S E	42	0.31			

Madras Meteorological Observations. 1871—June.

June 1871	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.688	0.125	87.6	77.4	100.0	81.5	143.4	80.0	0.803	61	221	S E	37	...	Fine with light clouds: lg. S. W.
2	29.680	0.125	88.4	76.4	101.3	82.6	145.0	81.5	0.749	56	222	S S E	90	...	Cloudy.
3	29.652	0.073	85.2	75.8	99.1	82.2	135.5	79.9	0.765	63	280	S by E	85	0.18	Do.
4	29.646	0.165	78.0	74.9	84.7	75.3	104.9	74.7	0.825	86	185	S S W	85	2.02	Do.
5	29.590	0.116	84.6	77.6	94.4	78.6	134.6	76.9	0.847	72	237	S E	67	...	Passing clouds: lg. S. W.
6	29.603	0.108	85.3	76.5	95.3	79.7	138.0	79.3	0.794	65	200	South	70	0.02	Cloudy.
7	29.648	0.100	83.3	75.8	94.1	80.1	144.2	78.5	0.792	69	192	SE by E	63	0.09	Chiefly fine.
8	29.651	0.147	89.1	75.3	99.6	78.4	145.4	77.5	0.692	50	213	W by S	73	...	Passing clouds: lg. N.
9	29.652	0.151	86.4	75.5	100.1	82.1	145.8	80.5	0.736	58	265	S by E	43	...	Fine with passing clouds.
10	29.703	0.134	87.3	76.8	102.3	81.5	147.4	79.3	0.781	60	214	S S E	63	...	Passing clouds.
11	29.748	0.102	87.3	75.2	97.2	82.6	132.3	80.9	0.712	55	177	S S E	90	0.10	Cloudy.
12	29.730	0.148	85.5	74.4	93.1	78.5	132.6	75.7	0.703	58	227	South	90	0.01	Chiefly overcast.
13	29.717	0.154	85.5	75.8	100.7	79.6	143.4	76.8	0.763	62	206	S by E	43	0.03	Passing clouds.
14	29.706	0.142	86.5	76.0	99.4	80.4	139.5	77.5	0.757	60	218	S by W	73	...	Cloudy.
15	29.687	0.134	89.2	75.6	101.8	83.9	141.1	82.6	0.703	51	245	S by W	73	0.09	Do.
16	29.668	0.153	89.5	74.5	100.1	81.4	136.4	79.4	0.653	47	231	SW by S	77	...	Do.
17	29.708	0.114	86.6	75.3	100.6	83.2	144.3	82.2	0.726	57	257	South	82	...	Do.
18	29.725	0.107	86.5	75.4	100.0	83.0	148.7	...	0.732	58	216	S by E	85	0.01	Do.
19	29.736	0.122	85.1	75.9	98.8	80.7	142.6	79.4	0.773	64	271	South	85	...	Do.
20	29.676	0.124	83.5	74.6	101.6	80.9	147.4	79.9	0.741	64	276	South	62	0.17	Passing clouds.
21	29.611	0.134	87.1	74.8	99.7	79.8	144.8	78.1	0.697	54	263	S S W	90	0.02	Overcast.
22	29.643	0.110	89.8	73.5	99.0	82.8	139.4	81.4	0.607	43	335	SW by W	95	...	Chiefly overcast.
23	29.661	0.119	90.3	71.9	101.6	82.2	140.4	80.8	0.585	37	355	SW by S	90	...	Cloudy.
24	29.669	0.142	89.1	73.8	98.1	82.1	143.8	80.7	0.629	46	273	S S W	93	...	Cloudy: th.
25	29.684	0.124	90.8	74.6	102.8	82.1	143.7	80.7	0.639	45	341	S S W	57	...	Passing clouds.
26	29.707	0.141	89.3	73.8	103.7	82.7	144.5	81.4	0.626	45	318	South	68	0.04	Chiefly overcast.
27	29.708	0.147	86.5	74.6	101.6	80.9	144.4	78.6	0.697	55	275	South	65	...	Passing clouds.
28	29.710	0.138	86.6	75.9	99.9	82.2	146.9	80.4	0.751	59	252	S S E	57	...	Fine with passing clouds.
29	29.761	0.103	86.1	75.9	96.1	81.4	142.0	80.0	0.758	60	241	S E	55	...	Do.
30	29.792	0.124	86.2	76.3	96.9	81.1	141.4	78.8	0.774	61	240	S E	63	0.06	Passing clouds.
Mean	29.685	0.128	86.7	75.3	98.8	81.1	140.9	79.4	0.725	57	248	South	72	2.84	

Madras Meteorological Observations. 1871—July.

July 1871	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches.	Inches	°	°	°	°	°	°	Inches	Cents.	Miles	Points	Cents	Inches	
1	29.771	0.119	85.3	76.6	95.8	79.1	130.8	76.4	0.799	65	227	S by E	83	0.07	Chiefly overcast.
2	29.756	0.083	82.1	73.6	90.1	73.1	113.3	71.7	0.715	65	158	SW by S	100	0.59	Overcast : thunderstorm.
3	29.747	0.098	83.7	72.0	90.9	79.1	121.3	75.3	0.629	55	176	S W	100	...	Overcast.
4	29.727	0.108	84.9	74.2	97.4	78.4	141.8	75.3	0.703	60	220	S S W	67	...	Passing clouds.
5	29.706	0.112	85.4	75.1	97.0	79.4	142.4	78.0	0.734	60	225	S by W	70	0.06	Cloudy.
6	29.668	0.120	88.1	76.0	100.2	81.3	144.3	79.8	0.736	56	234	SE by S	43	...	Fine with passing clouds.
7	29.647	0.122	88.7	74.1	96.4	83.3	129.5	82.0	0.647	48	231	S W	75	...	Light clouds : th.
8	29.645	0.100	86.9	75.3	99.3	82.8	140.7	80.7	0.720	57	238	Sonth	80	...	Cloudy.
9	29.678	0.119	85.4	75.6	99.1	80.3	141.5	78.6	0.756	62	220	S S E	47	...	Fine with passing clouds.
10	29.671	0.136	84.7	74.2	102.6	79.2	152.4	77.3	0.705	59	215	South	63	...	Passing clouds.
11	29.664	0.148	85.8	75.5	100.9	81.1	146.3	79.9	0.746	60	223	S by W	80	0.01	Cloudy.
12	29.685	0.114	84.2	73.8	99.0	80.1	144.4	78.7	0.695	59	218	S by W	90	4.07	Cloudy : heavy rain with th. and lg.
13	29.719	0.121	82.3	76.6	92.7	75.1	134.8	73.4	0.839	76	216	S S E	83	0.22	Cloudy day : light rain.
14	29.762	0.122	82.3	76.3	95.5	76.3	145.6	74.3	0.827	75	175	South	67	0.11	Cloudy : thunderstorm.
15	29.730	0.134	81.9	75.8	90.3	74.4	132.1	72.3	0.810	75	248	SW by S	82	2.08	Overcast: thunderstorm with rain.
16	29.750	0.094	78.8	74.5	84.3	74.5	103.4	71.4	0.798	81	152	S by W	100	0.38	Overcast with showers.
17	29.743	0.122	81.3	74.1	88.4	75.9	116.0	73.6	0.747	70	144	SW by S	100	...	Overcast.
18	29.705	0.121	81.1	74.8	88.3	76.2	123.2	74.5	0.779	73	169	S W	100	0.20	Overcast : light rain : th.
19	29.687	0.116	81.8	74.0	88.5	76.5	125.3	75.1	0.736	68	208	S by W	100	...	Overcast : th.
20	29.684	0.108	82.6	75.1	91.7	77.6	129.0	77.3	0.771	69	189	South	97	0.02	Do.
21	29.737	0.099	84.3	74.6	94.7	77.2	144.9	74.9	0.723	61	213	Sonth	53	...	Passing clouds.
22	29.770	0.123	85.6	75.4	96.3	78.6	135.0	76.8	0.746	60	250	S S W	63	..	Passing clouds : lg. S. W.
23	29.804	0.114	80.1	73.7	92.3	75.4	130.1	73.0	0.748	72	205	South	83	1.02	Overcast: thunderstorm.
24	29.764	0.119	81.0	74.7	89.8	73.2	122.4	72.3	0.776	73	175	S by E	87	...	Cloudy : lg. S.
25	29.721	0.098	83.0	74.3	91.8	77.7	126.6	73.3	0.732	64	195	S by W	93	0.02	Overcast.
26	29.727	0.106	82.9	75.0	90.4	77.4	118.9	74.5	0.763	67	187	South	83	...	Cloudy : lg. N.
27	29.752	0.143	84.1	75.7	93.5	77.2	127.8	75.3	0.776	66	167	S S W	80	0.01	Chiefly cloudy : lg. S. W.
28	29.736	0.152	83.1	76.0	97.4	77.3	139.6	74.7	0.803	71	190	S by E	60	...	Passing clouds : lg. S. W.
29	29.708	0.117	84.2	75.0	93.7	78.5	126.6	77.1	0.745	63	230	S by W	93	...	Cloudy.
30	29.720	0.135	86.2	73.3	96.1	78.4	141.6	75.8	0.647	51	198	S W	72	...	Do.
31	29.746	0.150	85.1	74.0	97.7	77.1	136.4	75.5	0.692	58	227	S by W	83	0.02	Chiefly overcast.
Mean	29.720	0.119	83.8	74.8	94.3	77.8	132.5	75.8	0.743	64	204	S by W	80	8.88	

Madras Meteorological Observations. 1871—August.

August 1871	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.							
									Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.761	0.121	83.3	74.9	97.7	75.7	142.9	71.4	0.753	65	208	S S E	47	...	Fine with passing clouds.
2	29.757	0.125	85.7	76.6	96.9	78.3	137.4	77.1	0.794	65	200	S by E	73	...	Cloudy.
3	29.763	0.112	83.5	76.0	96.5	76.5	141.7	74.4	0.798	69	189	S by E	50	...	Fine with light clouds.
4	29.770	0.139	86.1	74.2	93.6	80.3	119.9	77.8	0.686	55	171	South	77	...	Cloudy.
5	29.741	0.118	85.3	75.8	97.4	79.3	142.0	76.9	0.765	63	221	S by E	40	...	Fine with light clouds.
6	29.744	0.118	86.5	75.7	95.3	80.0	136.4	76.7	0.744	59	174	S by E	77	...	Cloudy.
7	29.750	0.111	84.5	75.2	96.5	81.3	138.4	79.2	0.750	63	203	South	87	0.02	Cloudy : th. and lg. S. W.
8	29.730	0.128	84.0	74.9	93.4	77.3	127.2	75.4	0.744	64	186	South	88	...	Cloudy.
9	29.691	0.158	86.8	75.4	100.1	79.7	144.5	76.4	0.727	57	223	S S W	70	0.16	Cloudy : rain : lg. S. W.
10	29.694	0.121	85.5	74.9	97.5	78.3	141.2	74.5	0.724	59	227	S W	87	0.31	Overcast : rain : th. and lg. S. W.
11	29.710	0.126	85.6	76.9	96.9	77.5	139.3	75.4	0.808	66	200	S by E	83	0.04	Cloudy.
12	29.716	0.159	87.0	75.2	98.7	79.5	145.5	77.2	0.716	56	208	S by W	60	...	Passing clouds.
13	29.711	0.129	85.3	75.4	92.9	80.7	113.9	78.4	0.748	61	178	S by E	62	...	Chiefly cloudy.
14	29.716	0.155	86.7	75.6	97.9	79.3	141.7	76.9	0.737	58	229	South	63	...	Passing clouds : lg. S. W.
15	29.742	0.151	84.1	76.2	96.3	75.3	136.4	73.4	0.798	68	232	S by E	57	0.23	Passing clouds : rain.
16	29.740	0.120	85.1	75.2	95.6	78.8	139.3	76.3	0.742	61	200	S E	57	0.01	Fine with passing clouds.
17	29.773	0.126	85.1	77.3	96.0	79.6	146.3	77.4	0.833	69	164	SE by E	37	...	Do.
18	29.798	0.116	84.3	76.5	96.5	79.2	143.9	77.5	0.809	69	161	SE by S	28	...	Do.
19	29.788	0.119	85.9	76.8	94.6	79.2	143.7	77.3	0.800	65	195	SE by S	17	...	Fine.
20	29.804	0.098	83.4	76.3	92.8	74.2	137.5	72.3	0.812	71	224	S S E	30	0.12	Hvy. duststorm fol'd. by rain : fine day.
21	29.796	0.108	86.3	77.7	100.2	79.6	145.4	78.3	0.835	67	207	S S E	25	...	Fine with passing clouds.
22	29.786	0.107	85.6	75.5	97.8	79.5	143.7	78.4	0.749	61	194	S E	47	...	Fine with haze.
23	29.760	0.121	85.7	75.8	96.6	79.9	142.1	77.5	0.760	61	177	E S E	37	...	Do.
24	29.777	0.116	85.6	76.6	98.2	79.1	145.3	77.1	0.795	65	215	S E	23	...	Fine with passing clouds.
25	29.817	0.099	85.2	76.0	99.0	78.6	147.4	76.9	0.775	64	224	SE by S	60	...	Passing clouds : th. N. and S. W.
26	29.857	0.116	84.4	75.0	94.9	78.0	149.6	76.8	0.742	62	172	S S E	77	...	Cloudy.
27	29.788	0.135	85.7	74.4	94.3	77.5	120.5	76.0	0.700	57	183	S S W	77	...	Do.
28	29.728	0.136	85.3	74.3	94.1	81.3	132.3	79.3	0.701	58	168	S by E	95	0.03	Overcast.
29	29.679	0.129	77.6	73.9	81.2	75.0	95.3	74.4	0.788	83	117	SW by S	100	0.44	Overcast : rain.
30	29.704	0.105	81.0	75.3	88.7	76.2	114.7	74.3	0.802	75	120	South	95	0.04	Overcast.
31	29.775	0.106	82.2	73.4	87.1	76.2	112.7	73.9	0.706	64	135	South	95	...	Cloudy.
Mean	29.754	0.124	84.8	75.6	95.3	78.4	135.8	76.3	0.763	64	190	S by E	62	1.43	

Madras Meteorological Observations. 1871—September.

September 1871	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.764	0.156	81.6	76.0	91.4	78.3	120.9	75.5	0.824	76	97	E S E	85	...	Cloudy.
2	29.774	0.147	78.6	74.8	84.3	75.3	130.7	74.1	0.812	83	93	East	85	...	Cloudy : th. : N. and N. W.
3	29.766	0.113	84.3	75.9	92.8	77.3	139.4	74.3	0.782	66	175	N N E	13	...	Fine.
4	29.797	0.128	84.4	77.0	92.6	78.1	144.9	74.9	0.829	70	129	NE by E	27	...	Fine with passing clouds.
5	29.788	0.116	85.5	77.3	97.4	78.1	145.4	75.0	0.827	67	143	East	60	...	Passing clouds : th. W.
6	29.767	0.149	83.8	75.2	96.6	77.3	142.7	75.2	0.760	65	165	SE by E	53	...	Fine with passing clouds.
7	29.740	0.140	82.0	75.5	96.7	75.8	148.3	73.8	0.796	73	186	E S E	70	0.02	Cloudy.
8	29.717	0.142	80.6	74.3	94.3	77.5	146.2	75.7	0.765	73	205	S E	83	0.49	Cloudy : rain : th. W.
9	29.685	0.142	84.4	74.6	92.6	76.8	144.2	74.4	0.726	60	192	S by E	92	...	Cloudy.
10	29.672	0.153	85.2	72.9	92.4	78.6	117.2	75.1	0.644	53	296	S S E	90	...	Do.
11	29.677	0.161	88.1	73.0	98.7	79.3	141.6	77.2	0.610	46	325	S by E	57	...	Passing clouds.
12	29.684	0.152	88.7	73.0	99.4	79.3	146.2	77.2	0.601	45	315	S S E	43	...	Do.
13	29.692	0.165	87.5	73.9	98.2	79.7	141.7	77.7	0.653	50	286	S E	30	...	Fine with passing clouds.
14	29.733	0.139	85.6	74.8	100.8	80.9	145.2	78.8	0.717	58	228	E by S	20	...	Do.
15	29.767	0.142	85.5	75.3	98.6	79.4	148.2	77.8	0.741	60	208	E by N	47	0.02	Passing clouds.
16	29.760	0.107	82.6	76.2	92.3	73.9	135.9	72.5	0.818	73	187	SE by S	68	0.61	Cloudy day : rain.
17	29.746	0.106	78.0	73.8	92.3	72.2	134.5	70.8	0.779	82	243	S E	88	1.72	Thunderstorm : overcast : rain.
18	29.770	0.106	80.9	74.4	91.3	73.3	138.8	68.5	0.768	72	198	S S E	73	0.93	Thunderstorm : day cloudy : evg. fine.
19	29.774	0.118	84.0	75.5	94.5	76.3	142.0	73.9	0.769	66	160	S E	40	...	Fine with light clouds : lg. S. W.
20	29.767	0.113	85.3	74.1	96.3	77.6	139.3	74.9	0.706	58	201	E S E	40	...	Do.
21	30.744	0.119	84.8	75.2	92.6	78.8	131.0	76.9	0.746	62	214	SE by S	72	...	Cloudy.
22	29.731	0.137	83.3	74.5	89.8	78.8	130.1	76.6	0.736	63	140	S E	92	...	Do.
23	29.735	0.144	84.2	73.5	94.8	77.3	132.4	74.4	0.683	59	241	E S E	57	...	Light clouds : th. and lg. S.
24	29.782	0.137	83.7	75.2	95.7	78.6	138.4	76.2	0.761	65	229	E by S	33	0.04	Chiefly fine.
25	29.799	0.145	83.4	75.6	97.0	76.5	140.7	74.6	0.782	68	177	East	48	...	Passing clouds.
26	29.778	0.142	83.4	77.4	97.1	79.8	144.4	77.0	0.860	75	139	E S E	87	0.86	Cloudy : rain : th. and lg.
27	29.802	0.113	79.6	75.6	87.6	74.1	132.1	72.9	0.833	82	171	E S E	83	1.58	Heavy thunderstorm : day cloudy.
28	29.815	0.141	81.4	76.5	86.8	77.3	116.0	75.0	0.847	79	97	SW by W	80	0.81	Cloudy : rain.
29	29.821	0.142	79.7	76.3	88.0	73.7	140.9	72.3	0.862	85	95	E by S	70	1.10	Thunderstorm : day cloudy.
30	29.784	0.111	80.5	75.5	87.8	74.1	138.8	72.0	0.816	78	132	N E	37	...	Fine with passing clouds : lg. N. W.
Mean	29.754	0.135	83.4	75.1	93.7	77.1	137.9	74.8	0.762	67	189	SE by E	61	8.18	

Madras Meteorological Observations. 1871—October.

October 1871	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.			Max.	Min.					
											Vapour Tension	Hum- idity				Daily Velo- city	Mean Direc- tion
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.804	0.122	81.5	75.4	88.9	75.2	140.7	72.4	0.800	74	144	SW by S	37	...	Fine with passing clouds : lg. S. & W.
2	29.784	0.123	80.6	75.8	87.0	76.2	...	73.9	0.828	79	99	S by W	53	0.03	Cloudy day : fine night.
3	29.804	0.117	80.6	75.5	90.2	75.9	134.8	73.6	0.815	78	101	S by E	27	0.01	Fine with passing clouds.
4	29.831	0.126	81.4	76.1	91.8	75.6	141.6	73.2	0.830	77	126	S by W	30	...	Fine with passing cls : th. & lg. W.
5	29.830	0.119	80.7	75.5	92.9	75.3	137.1	74.1	0.813	78	145	S S W	43	0.74	Fine with p. clouds : thunderstorm.
6	29.817	0.105	81.1	75.5	92.9	73.6	138.6	72.2	0.809	77	118	SW by S	53	...	Passing clouds : th. and lg. W.
7	29.777	0.104	81.1	76.3	93.6	77.0	140.6	74.4	0.843	79	108	W S W	43	0.21	Passing clouds , th. and lg. : rain.
8	29.783	0.100	83.8	76.9	95.3	76.7	139.6	73.8	0.832	72	119	NW by W	28	...	Fine with passing clouds.
9	29.797	0.109	84.0	75.3	96.0	75.1	139.7	69.8	0.761	64	107	N by E	47	...	Fine with light clouds : lg. W.
10	29.810	0.106	82.4	74.6	93.8	76.0	139.9	71.4	0.753	68	74	W by S	70	...	Cloudy.
11	29.783	0.126	83.2	76.5	95.2	76.8	138.7	72.4	0.823	73	105	S by W	43	...	Fine with light clouds.
12	29.777	0.129	82.8	75.7	93.2	75.8	140.9	71.7	0.794	71	111	S by E	18	...	Fine.
13	29.793	0.125	82.2	75.6	89.3	76.4	141.6	72.8	0.797	73	122	SE by S	33	...	Fine with light clouds.
14	29.844	0.114	83.2	76.0	88.4	77.1	138.2	73.4	0.802	70	150	SE by S	37	...	Do.
15	29.893	0.114	83.2	76.1	89.3	76.2	141.2	73.0	0.806	71	126	E S E	70	0.05	Cloudy.
16	29.914	0.119	81.2	75.5	89.6	77.8	137.1	73.3	0.808	76	132	E by N	57	0.02	Passing clouds.
17	29.913	0.033	77.3	74.4	85.6	75.6	102.1	74.3	0.814	86	66	E by N	90	1.90	Overcast with rain : th.
18	29.896	0.133	76.8	74.9	81.6	74.0	103.1	72.3	0.840	91	55	NW by W	98	0.89	Overcast : frequent rain : th.
19	29.921	0.103	78.4	75.7	88.6	75.1	139.1	74.3	0.853	88	110	N N E	83	0.89	Cloudy with frequent showers.
20	29.909	0.112	78.6	75.4	84.2	74.8	124.8	73.3	0.838	85	96	N by W	70	0.11	Passing clouds and showers.
21	29.880	0.114	80.1	74.7	87.5	74.2	133.7	72.1	0.788	76	122	NE by N	33	...	Fine with light clouds.
22	29.857	0.111	79.4	74.1	87.4	72.9	134.1	69.8	0.773	78	159	North	80	...	Cloudy.
23	29.790	0.108	77.7	73.9	82.7	74.5	96.1	72.3	0.788	83	149	N N W	97	0.21	Cloudy : rain.
24	29.739	0.126	73.6	69.3	77.4	70.0	86.6	66.3	0.659	80	124	W by N	100	1.15	Overcast : rain.
25	29.731	0.120	78.6	71.5	89.9	72.4	140.5	67.7	0.678	70	112	West	87	...	Cloudy.
26	29.798	0.124	79.3	71.4	91.3	70.0	137.4	69.3	0.665	66	83	N W	47	...	Fine with light clouds.
27	29.839	0.116	79.3	74.5	92.2	72.1	137.1	69.8	0.791	79	82	S S E	47	...	Fine with passing clouds.
28	29.875	0.094	80.3	74.6	90.7	74.2	137.7	69.3	0.781	76	110	SE by E	23	...	Fine.
29	29.919	0.095	79.3	73.5	87.9	73.4	136.1	69.8	0.749	75	82	NE by E	15	...	Do.
30	29.893	0.117	77.1	71.9	87.8	68.2	132.8	62.1	0.713	76	91	N E	2	...	Clear.
31	29.890	0.100	79.6	72.6	89.4	69.4	136.2	65.1	0.708	70	145	N by E	35	...	Fine with passing clouds.
Mean	29.835	0.112	80.3	74.7	89.4	74.4	132.3	71.3	0.786	76	112	E S E	51	6.21	

Madras Meteorological Observations. 1871—November.

November 1871	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion.			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.905	0.096	73.6	72.2	76.2	70.1	100.6	68.9	0.772	93	170	N W	100	4.84	Overcast : th. & lg. N. W. : heavy rain.
2	29.903	0.112	79.5	76.1	86.7	74.2	139.3	72.4	0.856	85	175	N N E	53	0.54	Passing clouds and rain.
3	29.927	0.112	81.2	76.3	87.5	77.2	136.0	74.5	0.841	78	188	E N E	37	...	Fine with passing clouds.
4	29.914	0.087	80.4	75.2	87.3	75.2	136.1	73.6	0.805	77	192	N N E	50	0.02	Passing clouds.
5	29.906	0.123	79.5	73.5	86.8	74.3	136.6	70.4	0.746	74	201	N by E	30	...	Fine with passing clouds.
6	29.851	0.093	75.6	72.8	77.5	74.1	81.1	71.0	0.770	87	294	North	97	3.71	Overcast : rain.
7	29.825	0.029	76.7	73.7	80.7	75.2	101.6	72.4	0.793	86	396	E by S	100	1.43	Do. do.
8	29.857	0.110	75.8	73.7	81.7	74.9	135.7	72.4	0.805	91	150	S E	90	4.81	Overcast : th. and lg. E. : heavy rain.
9	29.870	0.108	79.0	75.0	84.8	74.1	131.9	73.4	0.816	82	144	E S E	67	0.29	Passing clouds : rain.
10	29.877	0.117	79.6	74.8	85.8	73.0	136.5	71.5	0.799	79	177	E by N	57	0.34	Fine with passing clouds & showers.
11	29.867	0.112	78.4	73.7	85.9	72.4	136.1	68.1	0.769	79	154	NE by N	30	...	Fine with passing clouds.
12	29.815	0.092	79.4	76.1	85.5	75.1	133.8	72.3	0.857	86	192	N N E	40	0.05	Fine with passing clouds & showers.
13	29.849	0.093	79.8	76.4	85.6	75.6	133.7	71.7	0.865	85	134	NE by N	63	0.12	Cloudy : shower.
14	29.937	0.069	79.9	76.5	87.2	77.1	142.9	73.4	0.869	85	137	NE by E	85	0.34	Cloudy : rain
15	29.929	0.143	77.9	75.7	85.1	74.2	131.4	72.8	0.860	90	168	NE by E	77	2.02	Passing clouds : rain.
16	29.942	0.133	79.4	75.9	86.7	74.6	134.2	70.9	0.849	85	60	E by N	30	0.01	Fine with passing clouds.
17	29.991	0.107	80.2	75.2	87.3	74.6	136.5	69.9	0.808	78	94	N E	37	...	Fine : light clouds.
18	29.986	0.113	79.6	74.5	86.4	73.7	135.6	71.7	0.787	78	119	NE by N	50	...	Fine with passing clouds.
19	29.958	0.112	78.8	73.4	85.8	74.6	136.6	70.5	0.751	76	131	NE by N	43	...	Passing clouds.
20	29.944	0.109	78.7	72.9	86.3	72.6	144.6	68.4	0.732	75	177	N N E	57	...	Do.
21	29.918	0.143	78.6	72.8	80.9	78.2	93.0	73.9	0.730	75	253	N N E	97	0.11	Cloudy.
22	29.920	0.137	76.4	73.6	78.8	76.0	95.5	72.5	0.792	87	170	N N E	98	2.90	Overcast.
23	29.923	0.086	74.1	73.1	74.9	73.5	77.1	72.9	0.803	95	134	N N E	100	1.23	Do.
24	29.948	0.123	77.9	74.6	84.8	73.4	134.3	71.5	0.815	85	100	NE by E	72	0.29	Cloudy.
25	29.980	0.090	72.3	71.4	74.5	73.2	77.3	72.1	0.758	95	102	N N E	98	3.36	Overcast.
26	29.949	0.114	77.1	72.1	84.5	70.5	135.0	66.1	0.722	77	176	N N E	27	...	Fine with passing clouds.
27	29.945	0.094	78.2	71.7	84.7	73.4	133.4	66.5	0.691	72	195	N N E	27	...	Do.
28	29.967	0.087	78.1	71.8	85.6	71.5	136.4	66.4	0.697	73	167	NE by N	35	...	Passing clouds.
29	29.949	0.117	76.3	71.7	84.2	71.2	132.6	65.7	0.717	79	126	N N E	65	...	Chiefly cloudy.
30	29.919	0.126	76.7	71.2	85.3	71.4	134.1	66.3	0.691	75	104	N N E	43	...	Fine with passing clouds.
Mean	29.916	0.106	78.0	73.9	83.8	74.0	125.1	70.8	0.786	82	166	N E	62	26.41	

Madras Meteorological Observations. 1871—December.

December 1871	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.926	0.116	76.1	71.1	84.3	70.5	136.7	65.5	0.696	77	103	N N E	27	...	Fine with passing clouds.
2	29.977	0.105	76.2	71.1	87.3	69.2	141.0	63.2	0.695	77	104	N E	33	...	Do.
3	29.993	0.102	77.5	72.4	85.9	70.5	136.5	65.4	0.729	77	117	N E	57	...	Passing clouds.
4	29.999	0.110	76.8	72.5	85.6	71.4	136.3	65.4	0.742	81	117	NE by N	47	...	Fine with passing clouds.
5	30.001	0.118	77.4	71.6	85.8	71.6	132.5	66.2	0.698	74	180	NE by N	57	...	Passing clouds.
6	29.981	0.122	78.3	69.5	84.9	73.3	131.3	65.0	0.695	62	210	NE by N	10	...	Fine.
7	29.989	0.107	77.7	70.8	84.7	72.3	134.5	65.4	0.663	70	213	NE by N	30	...	Fine with passing clouds.
8	30.004	0.117	77.3	71.4	85.7	70.3	134.0	63.2	0.690	73	125	NE by N	13	...	Fine.
9	29.967	0.118	76.7	71.0	85.4	69.3	133.2	62.4	0.683	74	137	N E	30	...	Fine with passing clouds.
10	29.955	0.121	76.3	70.9	84.5	70.3	134.5	64.3	0.635	75	142	N N E	50	...	Passing clouds.
11	29.960	0.100	77.4	73.7	86.7	74.2	140.5	69.4	0.783	83	111	NE by N	50	...	Do.
12	29.991	0.137	78.1	73.7	87.4	72.8	141.3	63.7	0.774	80	104	NE by E	33	...	Fine with passing clouds.
13	30.038	0.116	78.9	74.9	87.8	74.7	144.0	71.0	0.813	82	169	N E	50	0.05	Passing clouds.
14	30.015	0.108	79.0	74.0	85.7	76.3	137.8	72.4	0.774	78	249	N E	80	0.05	Cloudy.
15	30.061	0.082	79.6	71.5	85.5	77.2	135.3	73.4	0.665	66	314	NE by N	55	...	Passing clouds.
16	30.023	0.129	78.7	70.1	84.9	74.7	136.3	68.5	0.623	63	321	NE by N	40	...	Fine with passing clouds.
17	30.043	0.101	79.7	71.0	85.3	75.1	135.9	68.9	0.643	63	316	N E	60	...	Passing clouds.
18	30.030	0.102	78.3	69.1	84.5	75.0	134.1	68.1	0.590	61	307	NE by E	37	...	Fine with passing clouds.
19	30.021	0.090	74.3	70.6	84.7	67.3	137.2	60.8	0.700	83	136	NE by N	63	0.11	Cloudy.
20	29.988	0.122	76.1	72.2	85.6	70.4	135.4	66.3	0.739	82	150	NE by N	58	0.17	Passing clouds.
21	29.957	0.133	77.0	70.0	84.6	72.0	133.7	66.3	0.641	69	221	NE by N	27	...	Fine with passing clouds.
22	29.936	0.121	76.8	69.7	84.9	68.1	140.3	62.8	0.633	69	120	NE by E	20	...	Fine.
23	29.927	0.124	77.5	71.2	84.4	69.8	133.7	65.3	0.680	72	72	E S E	27	...	Fine with passing clouds.
24	29.964	0.104	76.5	70.8	85.7	69.5	132.2	64.1	0.678	74	78	E by S	17	...	Fine.
25	29.968	0.114	76.8	71.3	85.0	69.1	145.2	63.5	0.694	75	102	NE by E	53	...	Passing clouds.
26	29.978	0.139	77.8	71.4	86.1	70.1	135.0	64.6	0.685	71	136	N E	37	...	Fine with passing clouds.
27	29.984	0.127	75.9	70.0	83.9	70.9	115.5	64.1	0.655	73	232	NE by N	45	0.05	Passing clouds.
28	29.997	0.113	78.5	68.9	85.4	74.2	136.9	69.1	0.589	69	303	N E	37	...	Do.
29	30.022	0.107	78.6	70.5	86.1	73.1	140.4	68.2	0.639	66	242	NE by N	67	...	Do.
30	29.999	0.110	78.3	71.0	86.0	73.1	135.3	68.9	0.662	69	242	NE by N	68	...	Fine with passing clouds.
31	30.004	0.111	76.2	70.8	84.7	71.2	129.0	66.4	0.682	75	194	N N E	83	...	Cloudy.
Mean	29.991	0.114	77.4	71.2	85.5	71.9	135.8	66.2	0.684	73	180	N E	44	0.43	

Madras Mean Monthly and Annual Meteorological Results in 1871.

	Barometer		Dry Bulb Thermometer				Wet Bulb		Tension of Vapour	Relative Humidity		Minimum on Grass	Wind		Rain		Clear Sky	
	Reduced to 32°	Daily Range	Mean	Max.	Min.	Range	Mean	Min.	By Blanford's Tables	Inches	Cents		Daily Velocity	Mean Direction	Amount	Days		
Inches	Inches	°	°	°	°	°	°	°	Inches	Cents	°	°	Miles	Points	Points	Inches	No.	Cents
January.....	29.960	0.119	75.6	84.6	68.9	15.7	69.9	66.9	0.657	74	134.3	64.1	162	1	N by E	0.44	3	54
February.....	29.928	0.128	77.2	87.8	68.5	19.3	71.3	67.3	0.692	74	137.6	63.4	126	5	N E by E	0.02	1	74
March.....	29.910	0.131	79.9	90.0	71.6	18.4	73.6	70.2	0.748	73	136.6	67.5	145	9	E by S	1.19	3	74
April.....	29.833	0.137	84.1	92.6	77.3	15.3	77.4	75.0	0.851	73	139.0	73.9	192	10	E S E	0.01	1	72
May.....	29.751	0.122	87.0	98.4	80.9	17.5	77.3	74.8	0.806	63	142.2	79.1	222	12	S E	0.31	2	58
June.....	29.685	0.128	86.7	98.8	81.1	17.7	75.3	72.5	0.725	57	140.9	79.4	248	16	South	2.84	13	28
July.....	29.720	0.119	83.8	94.3	77.8	16.5	74.8	71.9	0.713	64	132.5	75.8	204	17	S by W	8.88	15	20
August.....	29.751	0.124	84.8	95.3	78.4	16.9	75.6	72.7	0.763	64	135.8	76.3	190	15	S by E	1.43	10	38
September.....	29.754	0.135	83.4	93.7	77.1	16.6	75.1	72.2	0.762	67	137.9	74.8	189	11	S E by E	8.18	11	39
October.....	29.835	0.112	80.3	89.4	74.4	15.0	74.7	72.1	0.786	76	132.3	71.3	112	10	E S E	6.21	12	49
November.....	29.916	0.106	78.0	83.8	74.0	9.8	73.9	71.8	0.786	82	125.1	70.8	166	4	N E	26.41	18	38
December.....	29.991	0.114	77.4	85.5	71.9	13.6	71.2	68.7	0.684	73	135.8	66.2	180	4	N E	0.43	5	56
Annual	29.836	0.123	81.5	91.2	75.2	16.0	74.2	71.3	0.750	70	135.8	71.9	178	10	E S E	56.35	91	50

Madras Extreme Monthly Meteorological Records in 1871.

	Barometer			Dry Bulb Thermometer			Wet Bulb		Humidity		Sun Thermometer		Grass Thermometer		Wind			Rain.				
	Highest	Inches	Lowest	Range	Highest		Lowest		Lowest		Highest		Lowest		Highest		Lowest		Greatest Fall			
					Day	Inches	Day	Inches	Day	°	Day	Cents	Day	°	Day	°	Day	Miles		Day	Miles	Day
January ..	30.110	29.821	17	0.289	87.2	18	62.2	30	60.8	30	51	29	141.6	26	55.8	30	231	15	86	29	0.29	19
February ..	30.111	29.820	17	0.291	91.8	17	62.6	6	62.2	6	48	15	144.5	23	55.4	6	181	12	64	23	0.02	27
March	30.050	29.771	3	0.279	94.9	22	65.2	11	64.2	11	44	14	143.4	29	60.7	11	291	3	72	11	0.61	5
April ..	30.041	29.636	23	0.405	98.4	24	72.9	4	71.6	4	37	24	144.3	24	68.3	1	306	16	109	27	0.01	27
May	29.868	29.616	22	0.252	104.3	21	75.5	15	70.4	9	28	21	150.1	17	73.1	15	336	25	138	4	0.23	15
June	29.838	29.515	5	0.323	103.7	26	75.3	4	69.2	23	28	25	148.7	18	74.7	4	355	23	177	11	2.02	4
July	29.848	29.575	11	0.273	102.6	10	73.1	2	69.4	31	37	7	152.4	10	71.4	16	250	22	144	17	4.07	12
August ..	29.909	29.609	9	0.300	100.2	21	74.2	20	69.0	31	40	10	149.6	26	71.4	1	232	15	117	29	0.44	29
September ..	29.889	29.587	11	0.302	100.8	14	72.2	17	69.7	13	34	11	148.3	7	68.5	18	325	11	93	2	1.72	17
October ..	29.949	29.672	25	0.297	96.0	9	68.2	30	67.5	30	42	9	141.6	4	62.1	30	159	22	55	18	1.90	17
November ..	30.048	29.768	12	0.280	87.5	3	70.1	1	68.7	1	59	5	144.6	20	65.7	29	396	7	60	16	4.84	1
December..	30.109	29.869	1	0.240	87.8	13	67.3	19	65.1	19	53	28	145.2	25	60.8	19	321	16	72	23	0.17	20

Madras Meteorological Observations. 1872—January.

January 1872	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.							
									Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	30.028	0.081	77.1	69.4	85.4	69.4	133.6	64.1	0.617	66	217	N E	23	...	Fine with passing clouds.
2	30.019	0.109	78.1	69.9	85.2	74.3	134.5	69.4	0.624	64	252	NE by E	40	...	Do.
3	29.983	0.112	76.2	69.9	85.1	69.4	136.2	64.1	0.648	72	178	N E	47	...	Passing clouds.
4	29.971	0.109	77.7	69.8	84.7	70.7	134.1	65.7	0.624	65	199	N E	37	..	Fine with passing clouds.
5	29.983	0.098	75.1	69.1	84.8	67.1	137.8	61.6	0.632	72	149	N E	30	...	Do.
6	29.984	0.132	74.0	67.8	85.9	65.4	135.0	58.7	0.598	71	130	NE by N	20	...	Fine with light clouds.
7	29.956	0.144	72.6	66.2	84.5	63.1	132.1	56.9	0.560	69	108	N E	10	...	Fine.
8	29.926	0.144	72.2	65.8	83.6	65.6	136.0	61.1	0.550	69	87	NE by E	12	...	Do.
9	29.931	0.137	72.8	67.9	86.7	63.8	134.7	56.6	0.618	76	97	E S E	0	...	Clear.
10	30.000	0.120	73.6	68.9	86.2	65.1	134.6	58.5	0.646	78	107	East	20	...	Fine with light clouds.
11	29.972	0.134	75.3	69.4	84.4	67.8	135.5	62.7	0.641	72	153	E N E	43	...	Fine with passing clouds.
12	29.985	0.106	75.8	66.6	83.8	68.0	135.3	62.5	0.530	60	150	E N E	53	...	Do.
13	29.995	0.116	74.4	66.8	84.3	66.6	137.9	61.0	0.557	66	133	N E	50	...	Do.
14	29.986	0.114	75.0	67.0	85.4	66.7	134.4	61.4	0.556	64	156	N E	37	...	Do.
15	30.001	0.111	74.4	66.9	84.7	64.8	136.1	58.9	0.561	66	155	NE by E	43	...	Do.
16	30.021	0.119	74.4	67.2	84.1	64.1	134.0	58.7	0.572	67	135	N E	47	...	Do.
17	29.998	0.141	73.3	66.5	84.2	64.2	132.5	57.3	0.561	69	158	NE by N	30	...	Do.
18	29.998	0.120	72.6	67.0	85.7	63.5	134.4	57.5	0.588	74	139	NE by N	27	...	Do.
19	30.027	0.116	76.4	69.6	86.3	65.3	135.4	58.5	0.633	70	171	NE by N	30	...	Do.
20	30.047	0.135	77.6	69.1	86.3	73.9	138.0	69.5	0.599	63	180	N E	23	...	Do.
21	29.996	0.159	75.9	68.6	85.3	65.9	134.6	60.7	0.602	68	201	N E	33	...	Do.
22	29.997	0.140	73.1	65.9	85.2	64.5	133.5	58.2	0.542	66	139	N E	48	...	Do.
23	29.964	0.133	75.3	68.7	85.9	64.5	136.0	59.2	0.615	71	141	NE by N	20	...	Do.
24	29.964	0.126	76.9	70.9	85.2	67.1	134.5	62.2	0.677	73	157	NE by N	37	...	Do.
25	29.963	0.122	78.9	72.7	85.2	75.3	136.3	72.2	0.722	73	167	E by S	57	...	Do.
26	29.977	0.134	77.1	69.7	86.2	69.5	136.5	65.0	0.628	67	147	E by N	40	...	Passing clouds.
27	29.972	0.126	76.0	68.4	85.9	66.2	139.7	60.5	0.594	66	161	NE by E	47	...	Fine with passing clouds.
28	29.997	0.083	76.9	69.6	86.4	69.5	137.8	65.0	0.627	68	231	N E	60	...	Passing clouds.
29	30.015	0.112	76.5	68.7	85.7	66.3	133.7	60.5	0.598	66	209	NE by N	32	...	Fine with passing clouds.
30	30.012	0.128	77.3	71.6	86.3	70.7	135.8	67.0	0.609	75	236	N E	63	...	Passing clouds.
31	30.003	0.118	78.5	70.2	86.2	74.2	139.7	69.5	0.623	64	224	E N E	37	...	Fine with passing clouds.
Mean	29.989	0.122	75.5	68.6	85.3	67.5	135.5	62.1	0.608	69	163	NE by E	35	Nil	

Madras Meteorological Observations. 1872—February.

February 1872	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.995	0.115	77.0	70.6	85.5	68.7	133.3	63.0	0.663	71	162	NE by E	30	...	Fine with passing clouds.
2	29.979	0.119	77.1	69.8	86.8	67.2	137.7	61.7	0.632	68	146	E N E	37	...	Do.
3	29.954	0.146	77.2	70.1	86.4	67.5	138.5	63.0	0.643	69	146	E N E	37	...	Do.
4	29.938	0.119	77.5	70.8	86.3	69.1	135.3	64.3	0.666	71	130	East	27	...	Do.
5	29.907	0.138	77.6	71.8	84.7	69.1	133.5	64.0	0.703	74	147	E S E	23	...	Do.
6	29.889	0.132	76.9	72.6	85.2	71.5	134.8	67.1	0.744	81	137	SE by S	53	0.28	Passing clouds.
7	29.875	0.131	79.3	74.2	86.7	73.0	136.7	70.3	0.777	78	139	S S E	50	...	Do.
8	29.918	0.120	79.4	74.7	89.3	72.8	141.9	68.9	0.798	79	130	E S E	37	...	Do.
9	29.943	0.099	76.8	71.2	87.4	70.3	134.3	65.9	0.690	75	86	East	33	...	Fine with passing clouds.
10	29.928	0.127	74.9	69.8	86.7	66.4	134.3	60.5	0.662	77	105	SE by E	23	...	Fine.
11	29.922	0.125	74.7	69.2	85.0	66.2	131.3	59.0	0.641	74	134	SE by S	7	...	Clear.
12	29.927	0.124	76.2	70.2	88.0	67.5	135.3	62.2	0.659	73	149	S S E	13	...	Fine.
13	29.927	0.133	76.1	69.8	85.4	67.6	131.1	60.9	0.645	72	154	SE by S	13	...	Do.
14	29.959	0.108	75.9	70.1	85.9	67.4	131.9	63.0	0.660	74	132	SE by S	7	...	Do.
15	29.966	0.129	76.7	70.6	85.6	67.1	131.0	60.9	0.668	73	121	SE by S	13	...	Do.
16	29.989	0.115	77.3	70.5	86.8	68.5	132.1	62.4	0.656	70	109	S E	10	...	Do.
17	29.990	0.143	77.3	69.8	86.9	68.4	131.7	62.9	0.629	67	118	E by S	5	...	Do.
18	29.975	0.148	76.7	69.3	85.7	66.8	133.0	61.5	0.618	67	122	East	17	...	Do.
19	29.930	0.125	77.6	70.2	87.8	68.3	133.5	63.2	0.640	67	113	E by N	27	...	Fine with passing clouds.
20	29.993	0.138	79.9	74.0	89.6	71.6	138.8	68.6	0.761	74	161	E N E	40	...	Passing clouds.
21	29.974	0.157	78.3	72.7	88.2	72.6	134.9	69.2	0.728	76	103	E by S	27	...	Fine with passing clouds.
22	29.936	0.121	77.2	70.7	87.3	68.1	133.2	62.9	0.665	71	113	SE by S	27	...	Fine.
23	29.973	0.082	77.5	71.2	86.3	69.9	132.8	64.9	0.680	72	124	S E	20	...	Fine with passing clouds.
24	30.013	0.135	76.3	70.6	87.5	68.0	133.4	63.4	0.673	74	100	East	20	...	Fine.
25	29.992	0.120	77.6	71.1	88.0	67.9	136.2	63.2	0.676	71	148	E N E	37	...	Fine with passing clouds.
26	29.934	0.132	78.0	71.2	87.3	68.5	133.5	63.4	0.674	70	129	E N E	17	...	Fine.
27	29.946	0.116	76.0	68.9	86.9	66.9	131.7	60.6	0.613	69	98	East	23	...	Fine with light clouds.
28	29.964	0.107	75.5	68.2	89.6	65.1	137.5	57.9	0.593	67	86	E by N	25	...	Do.
29	29.961	0.122	77.3	69.5	89.8	67.1	136.2	62.4	0.617	66	118	E S E	7	...	Fine with passing clouds.
Mean	29.953	0.125	77.1	70.8	87.0	68.6	134.5	63.5	0.672	72	127	E S E	24	0.28	

Madras Meteorological Observations. 1872—March.

March 1872	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cent	Miles	Points	Cents	Inches	
1	29.954	0.133	75.8	68.7	85.9	68.3	133.2	63.9	0.608	69	121	SE by E	7	...	Fine.
2	29.975	0.117	76.6	68.5	85.8	64.8	133.5	57.9	0.590	65	150	E S E	13	...	Do.
3	29.999	0.117	76.9	69.3	86.6	63.5	137.6	57.6	0.616	67	147	E by S	30	...	Fine with passing clouds.
4	30.032	0.128	81.1	73.0	89.2	76.8	139.6	74.6	0.704	67	197	E N E	23	...	Do.
5	29.989	0.143	78.9	72.1	89.9	71.1	134.8	67.0	0.698	71	96	East	7	...	Fine.
6	29.949	0.130	79.4	73.1	89.2	70.7	136.3	65.9	0.731	73	106	SE by E	5	...	Clear.
7	29.947	0.119	79.8	73.6	88.1	72.1	134.1	67.5	0.746	73	138	S E	10	...	Fine.
8	29.951	0.128	79.2	73.7	88.1	71.0	133.7	65.3	0.759	76	160	SE by S	7	...	Do.
9	29.983	0.122	80.7	74.5	88.6	73.6	133.6	68.7	0.772	74	172	S S E	7	...	Do.
10	29.971	0.128	79.4	73.5	88.1	71.3	133.3	65.8	0.747	74	156	S S E	3	...	Clear.
11	29.925	0.142	79.4	73.1	87.4	70.8	132.3	65.9	0.731	73	162	SE by S	0	...	Do.
12	29.894	0.126	78.7	72.6	89.6	71.2	134.8	65.4	0.721	74	135	SE by S	0	...	Do.
13	29.872	0.095	78.6	71.7	88.8	70.2	133.8	65.7	0.685	70	154	SE by S	3	...	Fine.
14	29.834	0.157	78.2	71.3	89.1	68.5	136.3	62.7	0.675	70	151	SE by S	5	...	Do.
15	29.873	0.127	80.1	74.5	88.4	73.3	133.5	68.2	0.730	76	177	SE by S	13	...	Do.
16	29.911	0.118	79.5	72.0	90.9	69.5	137.8	64.7	0.685	68	130	SE by S	10	...	Fine.
17	29.904	0.124	78.2	70.1	90.7	67.6	139.5	61.5	0.629	65	132	SE by S	7	...	Do.
18	29.900	0.118	76.8	70.7	90.5	67.1	137.1	60.5	0.671	73	124	SE by S	3	...	Clear.
19	29.879	0.141	77.9	70.1	88.8	68.2	137.5	61.7	0.633	66	136	SE by S	17	...	Fine.
20	29.851	0.139	78.1	71.1	87.3	68.3	134.2	62.8	0.669	70	138	SE by S	3	...	Clear.
21	29.855	0.123	79.0	72.4	89.4	68.7	138.7	62.9	0.709	72	164	SE by S	33	...	Fine with light clouds.
22	29.901	0.115	79.8	74.3	90.0	71.5	138.1	66.0	0.775	76	135	S E	17	...	Fine.
23	29.901	0.133	79.9	73.8	88.7	71.9	135.8	67.0	0.753	74	140	S E	0	...	Clear.
24	29.851	0.168	80.5	74.0	90.1	70.9	135.1	64.9	0.753	72	162	SE by S	3	...	Do.
25	29.788	0.158	82.7	76.4	95.9	74.3	141.2	69.7	0.826	74	196	S S E	3	...	Do.
26	29.824	0.120	83.1	77.2	93.3	77.3	138.7	74.3	0.855	75	240	SE by S	3	...	Do.
27	29.840	0.116	82.0	75.8	90.4	76.8	134.0	74.5	0.808	74	222	S S E	13	...	Fine.
28	29.850	0.133	82.1	75.9	90.9	75.0	134.8	70.9	0.812	74	230	S by E	17	...	Do.
29	29.823	0.101	82.2	75.8	91.5	75.3	135.3	70.4	0.806	73	235	S by E	13	...	Fine with passing clouds.
30	29.876	0.120	81.4	74.4	90.5	74.1	136.0	69.3	0.758	71	213	S by E	17	...	Fine.
31	29.900	0.154	81.4	73.9	90.1	71.5	137.5	66.7	0.737	69	186	S S E	10	...	Do.
Mean	29.903	0.129	79.6	72.9	89.4	71.1	135.9	66.1	0.724	72	161	SE by S	10	Nil.	

Madras Meteorological Observations. 1872—April.

April 1872	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.905	0.138	82.3	75.7	90.4	75.3	137.6	69.4	0.802	73	210	SE by S	20	...	Fine.
2	29.883	0.128	82.3	76.2	90.7	74.8	137.9	70.4	0.823	75	199	SE by S	15	...	Do.
3	29.874	0.137	83.7	77.1	90.4	75.9	138.0	72.4	0.843	74	228	S E	17	...	Do.
4	29.872	0.138	83.8	77.6	91.3	77.3	137.2	75.2	0.864	75	231	S E	33	...	Fine with passing clouds.
5	29.901	0.091	83.6	76.5	90.6	78.3	139.2	75.3	0.818	72	229	S E	53	...	Do.
6	29.935	0.120	84.6	75.9	91.0	79.9	137.4	77.6	0.777	65	205	E S E	33	...	Fine with light clouds.
7	29.927	0.121	82.9	75.2	92.1	76.5	141.2	73.6	0.772	68	147	E by N	23	...	Fine with passing clouds.
8	29.876	0.133	81.4	74.0	90.8	73.5	137.2	70.3	0.741	69	140	E by S	10	...	Fine.
9	29.836	0.118	81.9	74.8	90.9	74.1	138.0	69.9	0.768	71	141	S E	10	...	Do.
10	29.834	0.116	82.7	76.1	91.9	74.5	139.0	70.4	0.814	73	162	S E	3	...	Do.
11	29.816	0.111	82.9	75.5	90.2	74.7	136.9	69.8	0.782	69	209	SE by S	10	...	Do.
12	29.799	0.130	82.0	74.6	90.3	73.5	137.7	68.7	0.758	69	187	SE by S	37	...	Fine with light clouds.
13	29.814	0.123	82.8	75.5	90.9	73.8	137.6	68.9	0.785	70	170	SE by S	20	...	Do.
14	29.850	0.111	83.5	75.6	91.9	74.9	136.7	70.6	0.781	68	141	S E	10	...	Fine with passing clouds.
15	29.854	0.109	83.8	76.5	92.8	76.6	137.5	73.6	0.815	71	142	E S E	17	...	Fine.
16	29.844	0.129	84.4	76.4	92.5	75.5	138.7	71.7	0.803	68	151	E S E	17	...	Fine with light clouds.
17	29.834	0.114	85.1	77.3	93.2	77.4	141.6	74.5	0.833	69	168	SE by E	42	...	Do.
18	29.852	0.119	84.9	77.0	91.8	80.1	137.4	77.6	0.822	68	169	SE by E	47	0.01	Fine with passing clouds.
19	29.814	0.125	85.0	76.0	93.8	78.5	141.3	77.2	0.777	64	167	SE by E	33	...	Fine with light clouds: lg.
20	29.805	0.133	85.2	77.0	93.7	78.8	141.8	75.6	0.818	67	195	SE by S	23	...	Do.
21	29.793	0.142	84.9	76.8	94.4	77.6	140.7	74.4	0.814	68	186	S S E	23	...	Fine with passing clouds.
22	29.792	0.133	84.1	76.5	93.3	77.7	138.5	74.7	0.812	70	201	S S E	15	...	Fine.
23	29.775	0.114	83.7	76.9	92.4	75.5	138.4	72.3	0.834	72	217	SE by S	40	...	Fine with passing clouds.
24	29.758	0.144	85.4	77.2	94.0	79.8	138.7	77.7	0.824	67	231	S S E	37	...	Fine with light clouds.
25	29.738	0.128	85.4	78.4	96.2	78.2	142.0	75.3	0.879	72	231	S S E	22	...	Fine with passing clouds.
26	29.753	0.128	85.9	77.9	93.9	81.2	143.7	79.0	0.849	68	271	S S E	53	...	Passing clouds.
27	29.792	0.121	84.9	77.5	92.7	80.1	136.2	78.4	0.845	70	238	SE by S	40	...	Hazy.
28	29.779	0.118	84.1	78.2	92.1	79.2	134.3	77.1	0.886	75	175	SE by S	60	...	Do.
29	29.708	0.128	84.9	77.5	95.8	78.6	144.7	76.5	0.845	70	166	E by S	73	...	Cloudy: lg. N. E. & S.
30	29.657	0.090	80.7	76.5	91.7	79.5	129.6	76.7	0.857	81	201	NE by N	95	1.64	Wet and stormy.
Mean	29.822	0.123	83.8	76.5	92.3	77.0	138.6	73.8	0.815	70	190	S E	31	1.65	

Madras Meteorological Observations. 1872—May.

May 1872	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
	Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles				Points	Cents	Inches
1	29.584	0.114	76.7	75.1	83.6	75.1	124.4	72.6	0.851	94	397	N by E	100	2.08	Stormy and threatening.
2	29.486	0.158	77.1	75.2	80.5	75.0	...	73.5	0.850	91	716	E by S	98	2.07	A heavy storm : lg. S.
3	29.746	0.084	82.4	76.4	87.1	78.3	128.4	75.4	0.830	75	353	S S E	37	...	Passing clouds.
4	29.813	0.122	82.2	75.9	88.4	76.5	128.9	74.4	0.811	74	235	S by E	25	...	Fine with passing clouds.
5	29.814	0.165	83.9	77.8	96.1	78.5	135.6	76.9	0.872	75	213	South	2	...	Clear.
6	29.763	0.146	85.1	77.0	99.1	78.5	139.6	77.0	0.820	68	235	S by W	10	...	Fine with light clouds.
7	29.763	0.127	84.7	77.3	99.0	79.1	138.5	77.6	0.838	70	247	S by E	5	...	Fine.
8	29.753	0.137	86.5	78.5	102.4	79.6	147.8	77.3	0.868	69	235	South	30	...	Do.
9	29.715	0.121	87.8	78.1	101.8	80.3	143.6	78.9	0.832	63	261	South	15	...	Do.
10	29.678	0.125	88.8	78.1	105.0	81.3	145.5	79.4	0.818	60	264	South	12	...	Do.
11	29.695	0.119	88.5	78.3	104.2	81.0	146.1	79.2	0.832	62	218	S S E	5	...	Do.
12	29.737	0.105	86.4	78.9	102.5	80.5	143.9	78.9	0.888	70	275	South	3	...	Clear.
13	29.796	0.095	86.5	77.8	99.4	81.4	142.0	79.4	0.836	66	317	South	3	...	Do.
14	29.838	0.148	85.9	77.2	93.5	80.1	137.7	78.4	0.817	66	283	S by E	10	...	Fine : lg. N. W.
15	29.797	0.135	85.4	77.1	97.3	80.2	138.8	78.2	0.820	67	283	S by E	13	...	Do.
16	29.751	0.147	86.9	77.7	99.2	80.2	142.8	77.7	0.827	65	293	South	10	...	Do.
17	29.740	0.143	86.2	77.7	98.1	81.3	139.6	79.6	0.836	67	305	South	3	...	Clear.
18	29.767	0.137	86.1	78.6	97.3	80.6	139.1	79.3	0.878	70	288	S by E	0	...	Do.
19	29.748	0.151	86.7	79.8	101.9	81.5	143.7	79.5	0.925	72	309	South	18	...	Fine.
20	29.688	0.164	88.4	79.4	106.7	83.5	144.6	82.1	0.884	66	252	S by E	13	...	Do.
21	29.658	0.133	89.0	77.9	104.7	81.6	150.6	79.3	0.807	59	155	SW by S	43	...	Fine with passing clouds.
22	29.687	0.129	87.1	76.7	100.4	81.9	140.6	79.9	0.779	60	185	South	23	...	Fine with passing clouds : th. S.
23	29.691	0.108	88.6	77.9	102.7	82.2	141.7	80.1	0.812	60	203	S by E	15	...	Fine.
24	29.690	0.093	89.2	79.0	103.8	82.4	144.6	80.5	0.854	62	238	South	7	...	Do.
25	29.701	0.137	88.4	79.1	100.4	83.0	141.3	80.9	0.870	65	258	South	17	...	Do.
26	29.646	0.124	89.2	77.3	107.5	82.0	145.1	79.9	0.777	56	280	S S W	45	...	Fine with passing clouds.
27	29.614	0.125	89.8	77.7	103.2	81.4	144.4	79.5	0.788	56	313	South	80	...	Cloudy.
28	29.638	0.094	90.2	77.8	100.0	86.5	141.3	84.8	0.786	55	182	S by E	78	...	Do.
29	29.650	0.101	87.2	78.7	98.0	82.9	136.6	81.8	0.867	67	290	S by E	80	...	Cloudy : lg. W.
30	29.673	0.113	86.2	78.0	101.8	81.9	144.6	80.6	0.849	68	263	S by E	83	...	Do.
31	29.670	0.070	86.9	78.6	104.4	81.1	143.2	78.9	0.867	68	176	South	60	...	Fine with light clouds.
Mean	29.709	0.115	86.3	77.8	99.0	80.6	140.8	78.8	0.838	67	275	S by E	30	4.15	

Note.—2nd. A heavy storm raging nearly all day. The wind blew from north till 3½ A.M., at the rate of 27 miles per hour. It veered to N. E. by 8½ A.M., when it attained its greatest velocity of 53 miles per hour; the reduced barometric reading being 29.288 inches. The wind was due east about 9½ A.M., velocity 40 miles, and S. E. at noon with 34 miles per hour. The average velocity during the afternoon was 22 miles, and the direction was due south by 8 P.M. The rain extended over 17 hours but was unusually heavy only about 1 A.M.

Madras Meteorological Observations. 1872—June.

June 1872	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.686	0.112	86.7	78.3	99.0	81.0	135.2	79.7	0.856	67	265	S by E	33	...	Fine with light clouds.
2	29.674	0.126	86.3	77.8	100.3	80.8	130.5	79.6	0.839	67	251	South	33	...	Do.
3	29.672	0.126	87.1	78.2	103.5	81.1	143.5	79.0	0.845	65	253	South	22	...	Fine : th. S. W.
4	29.693	0.128	86.8	78.1	93.5	81.9	132.7	80.6	0.845	66	249	S S E	22	...	Fine with passing clouds : th. S. W. do.
5	29.711	0.101	84.8	79.3	90.5	80.6	133.4	79.3	0.928	77	274	S S E	47	...	Do.
6	29.711	0.102	86.4	79.5	93.7	81.1	134.5	75.7	0.916	72	242	S S E	30	...	Fine with light clouds : lg. S. W.
7	29.696	0.114	84.7	78.6	91.3	81.1	133.1	79.5	0.897	76	221	SE by S	18	...	Fine.
8	29.702	0.114	85.6	78.0	93.5	81.1	138.4	79.5	0.858	70	167	SE by S	32	...	Fine with passing clouds.
9	29.719	0.113	85.6	77.3	92.3	80.7	133.5	78.9	0.826	67	175	S E	27	...	Fine.
10	29.712	0.091	86.0	78.5	92.6	81.5	134.5	79.0	0.875	70	143	SE by E	25	...	Fine with light clouds.
11	29.657	0.126	86.1	79.0	93.3	80.4	135.3	78.0	0.897	72	165	S E	18	...	Fine with passing clouds.
12	29.611	0.112	86.1	79.5	93.9	80.5	136.5	78.5	0.920	74	166	SE by S	43	...	Hazy.
13	29.642	0.066	84.7	76.0	104.1	83.7	146.5	81.7	0.781	66	256	W by N	67	0.49	Cloudy : rain : lg. S. and S. E.
14	29.655	0.092	87.4	76.5	101.0	78.7	139.5	77.7	0.766	59	173	S W	63	...	Cloudy.
15	29.683	0.090	85.5	77.7	92.9	84.0	116.5	81.5	0.846	69	107	South	90	0.01	Do.
16	29.707	0.123	83.9	75.2	92.8	76.7	130.0	74.5	0.758	65	238	SW by W	85	0.08	Do.
17	29.695	0.125	84.5	76.2	98.3	74.2	138.2	72.0	0.793	67	160	N by W	70	...	Do.
18	29.693	0.108	85.6	74.8	98.1	82.0	139.3	79.8	0.718	58	211	S W	93	0.03	Do.
19	29.685	0.060	83.5	74.7	89.9	78.5	104.5	75.3	0.742	64	214	S W	98	...	Overcast.
20	29.678	0.082	81.3	75.3	87.5	77.7	104.2	74.5	0.798	74	171	W by S	100	0.35	Overcast : rain.
21	29.677	0.110	83.6	75.0	88.3	79.5	107.3	76.7	0.754	65	206	S W	95	...	Cloudy.
22	29.694	0.076	84.1	74.4	92.7	79.7	124.3	77.5	0.721	61	254	S W	95	...	Do.
23	29.714	0.088	82.5	74.4	91.3	77.4	121.1	74.5	0.744	67	237	SW by W	90	0.01	Do.
24	29.684	0.114	86.6	74.3	95.7	79.3	133.5	77.7	0.683	54	263	W S W	70	...	Passing clouds.
25	29.688	0.102	87.3	74.4	96.2	81.0	131.1	80.0	0.679	52	320	W by S	70	...	Do.
26	29.727	0.071	87.1	72.9	94.0	81.7	123.1	79.8	0.618	48	307	West	85	...	Cloudy.
27	29.736	0.106	87.1	72.8	94.6	82.3	122.3	81.7	0.615	48	289	W S W	90	...	Do.
28	29.757	0.100	87.8	72.9	98.3	80.7	136.2	78.5	0.609	46	263	W by S	85	...	Do.
29	29.754	0.138	86.4	73.3	96.1	81.7	136.7	78.5	0.645	51	251	W by S	72	...	Hazy.
30	29.711	0.152	89.4	73.9	100.9	80.7	139.6	79.6	0.629	45	226	SW by W	73	...	Passing clouds.
Mean	29.694	0.106	85.7	76.2	95.0	80.4	130.5	78.3	0.780	63	224	S S W	61	0.97	

Madras Meteorological Observations. 1872—July.

July 1872	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.682	0.140	88.3	71.3	97.4	82.7	133.4	80.6	0.660	49	252	W S W	85	...	Hazy.
2	29.721	0.111	88.6	73.8	100.2	83.4	149.1	81.5	0.636	47	305	S W	77	...	Do.
3	29.776	0.108	85.2	74.0	98.5	80.2	139.6	77.6	0.690	57	284	S by W	53	...	Passing clouds.
4	29.789	0.118	85.2	75.3	96.1	81.0	137.1	78.5	0.745	61	283	South	33	...	Fine with light clouds.
5	29.813	0.119	83.6	75.7	92.1	80.2	115.9	78.5	0.784	68	207	S S W	82	...	Hazy : th.
6	29.803	0.113	82.6	74.9	97.1	77.2	134.9	75.4	0.761	68	180	SW by S	80	0.06	Hazy : lg. N.W.
7	29.778	0.129	82.6	73.3	94.4	75.5	129.8	73.7	0.696	62	168	SW by W	83	0.20	Do. : do.
8	29.726	0.127	82.0	73.2	98.1	76.9	135.6	74.8	0.700	64	199	W by S	87	0.03	Cloudy : lg. W. and S.W.
9	29.681	0.129	82.7	73.8	96.8	78.9	133.7	76.5	0.715	63	225	S W	87	0.11	Do.
10	29.665	0.071	82.0	75.1	94.8	77.3	138.6	74.7	0.779	71	183	SW by S	87	0.09	Do.
11	29.664	0.128	84.4	73.7	97.5	78.9	134.8	76.0	0.688	59	239	W by N	87	0.53	Cloudy : rain.
12	29.643	0.137	85.2	73.3	99.5	77.2	140.7	74.5	0.660	54	236	W by S	60	0.01	Passing clouds.
13	29.676	0.118	88.5	72.6	100.7	79.2	142.6	76.4	0.588	44	271	W by S	52	...	Do.
14	29.734	0.156	86.7	75.4	101.3	79.7	139.7	77.6	0.729	57	244	W S W	59	0.17	Light clouds.
15	29.747	0.108	84.5	75.8	95.4	79.6	138.1	76.3	0.775	65	159	South	85	...	Hazy.
16	29.735	0.095	82.4	74.5	88.1	76.4	113.3	74.0	0.748	67	140	NW by W	97	...	Overcast.
17	29.741	0.098	79.2	75.5	82.7	76.9	104.3	73.5	0.835	84	171	SW by S	98	0.15	Overcast and wet.
18	29.705	0.147	80.9	74.9	93.8	74.4	142.5	72.3	0.786	74	199	S W	50	0.11	Passing clouds : th. and lg.
19	29.668	0.146	84.2	74.8	98.5	76.4	137.6	73.5	0.738	62	182	SW by W	65	0.05	Passing clouds : th. and lg. W.
20	29.670	0.137	85.1	75.9	96.7	76.4	135.5	74.8	0.771	64	212	SW by S	83	0.03	Hazy.
21	29.722	0.128	86.5	74.7	96.6	79.2	137.5	77.5	0.702	56	225	S W	80	0.01	Chiefly cloudy.
22	29.713	0.113	83.8	75.2	95.6	79.6	140.4	76.7	0.760	65	189	SW by S	83	0.03	Cloudy.
23	29.710	0.076	82.0	74.9	85.7	78.3	100.5	75.5	0.771	71	167	S S W	97	0.02	Overcast.
24	29.712	0.106	83.2	75.1	97.8	79.2	141.3	76.5	0.764	67	193	SW by S	78	...	Cloudy.
25	29.714	0.118	86.1	75.9	97.2	78.5	137.5	76.3	0.758	61	161	SW by S	65	...	Hazy : lg. S.W.
26	29.733	0.131	85.2	76.2	98.9	78.6	141.3	76.3	0.783	64	187	S by W	37	...	Fine with passing clouds.
27	29.711	0.117	85.7	77.1	97.3	79.1	141.4	77.4	0.816	66	177	South	33	0.01	Do.
28	29.774	0.087	84.1	76.7	91.6	79.3	135.6	78.4	0.820	70	196	S by E	50	...	Passing clouds.
29	29.773	0.101	84.3	77.3	98.2	80.2	138.7	78.6	0.844	72	156	S by E	70	0.53	Cloudy : rain.
30	29.726	0.159	84.5	77.6	95.3	76.2	134.5	74.3	0.854	72	209	SW by S	28	0.08	Fine with passing clouds.
31	29.709	0.184	82.6	76.5	93.2	76.2	131.9	74.7	0.832	75	175	W S W	58	0.49	Thunderstorm : passing clouds.
Mean	29.723	0.121	84.3	75.1	95.7	78.5	133.9	76.2	0.748	64	206	S W	70	2.71	

Madras Meteorological Observations, 1872—August.

August 1872	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.722	0.140	83.3	75.8	94.8	78.1	136.3	76.6	0.792	69	248	S S W	38	...	Fine with passing clouds.
2	29.715	0.121	81.9	75.9	93.4	75.3	137.8	73.5	0.815	75	192	S S W	62	0.15	Cloudy.
3	29.699	0.145	83.1	76.6	97.7	77.6	139.7	75.5	0.829	73	205	SW by W	60	0.01	Passing clouds.
4	29.704	0.106	83.2	75.5	95.7	78.0	140.4	76.7	0.781	69	177	S S W	67	0.21	Passing clouds : rain.
5	29.675	0.117	81.5	75.6	91.5	74.4	131.1	73.7	0.808	75	169	W S W	90	0.43	Cloudy : rain : lg. S.
6	29.681	0.117	82.3	75.0	92.8	77.6	139.9	75.5	0.771	70	189	W S W	80	1.66	Cloudy : rain: th. and lg. S. & N.W.
7	29.685	0.123	82.1	76.2	93.4	74.4	135.8	73.5	0.825	75	186	SWby W	67	1.00	Cloudy : rain: th. and lg. N. & W.
8	29.712	0.098	79.3	75.3	84.8	74.5	102.3	72.8	0.825	82	126	W by S	97	1.22	Overcast: rain.
9	29.738	0.081	77.3	73.7	83.5	73.7	105.0	72.0	0.785	84	233	W S W	97	0.17	Do. : do.
10	29.732	0.095	80.8	74.7	89.1	75.3	125.6	74.3	0.779	74	192	SW by W	82	0.18	Cloudy : rain.
11	29.741	0.132	79.8	74.8	85.9	75.9	106.7	74.0	0.796	78	171	SW by S	95	0.02	Overcast.
12	29.742	0.103	80.5	75.9	85.5	77.4	102.9	75.9	0.834	80	153	SW by S	88	0.02	Cloudy.
13	29.759	0.130	81.0	76.0	92.4	75.1	137.7	73.0	0.831	78	190	SW by S	53	0.01	Cloudy.
14	29.792	0.127	82.2	75.5	91.1	75.1	133.6	73.6	0.793	72	199	S W	77	0.80	Cloudy : rain: th. and lg. N. & S.
15	29.742	0.150	81.8	75.4	92.5	73.1	139.4	71.5	0.795	73	204	SW by S	60	...	Passing clouds.
16	29.724	0.122	83.7	75.3	93.4	77.4	134.7	75.0	0.765	66	210	SWby S	70	...	Cloudy.
17	29.778	0.128	83.3	75.8	94.5	77.4	137.5	75.6	0.792	69	212	SW by S	53	0.01	Passing clouds.
18	29.777	0.149	81.3	75.5	95.2	75.9	137.5	73.7	0.805	76	206	S S W	45	0.57	Passing clouds : rain : th. and lg. W.
19	29.764	0.120	80.5	75.5	90.1	73.5	138.5	72.3	0.817	78	157	SW by S	83	0.31	Cloudy : rain.
20	29.745	0.124	83.2	75.9	93.7	75.4	133.8	72.5	0.797	70	166	SWby W	73	...	Passing clouds.
21	29.718	0.131	85.5	75.8	96.3	77.8	136.5	74.7	0.763	63	200	SWby W	50	...	Do.
22	29.689	0.102	83.2	75.3	92.2	79.5	134.5	77.3	0.772	67	178	W S W	90	0.02	Cloudy.
23	29.672	0.108	84.3	74.9	91.1	79.7	130.5	77.5	0.739	62	237	SW by W	80	0.04	Do.
24	29.678	0.132	85.6	75.8	96.3	77.2	143.3	74.0	0.761	62	206	S W byS	70	0.09	Passing clouds.
25	29.708	0.153	84.6	75.7	95.0	79.1	134.3	76.4	0.769	64	181	S W	85	...	Cloudy.
26	29.713	0.148	85.7	75.9	97.7	77.8	139.7	75.5	0.764	62	211	S W	50	...	Passing clouds.
27	29.692	0.135	86.0	74.6	98.2	78.8	140.0	76.4	0.704	57	212	SWby S	30	...	Fine with passing clouds.
28	29.694	0.128	84.2	74.3	94.3	78.3	140.5	75.5	0.715	60	176	S by E	28	...	Do.
29	29.728	0.103	83.4	74.8	94.5	77.8	145.4	75.5	0.748	65	148	S by W	63	...	Cloudy.
30	29.760	0.111	79.7	74.7	84.3	76.2	106.5	73.5	0.794	78	89	W by S	90	0.27	Cloudy : rain.
31	29.794	0.093	81.0	76.5	88.4	76.3	132.0	74.5	0.853	81	140	South	60	0.39	Passing clouds : rain.
Mean	29.725	0.122	82.4	75.4	92.2	76.6	131.6	74.6	0.788	71	186	S W	69	7.58	

Madras Meteorological Observations. 1872—September.

September 1872	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.807	0.114	81.1	76.0	86.4	75.4	133.5	72.5	0.830	78	138	S by E	43	...	Fine with passing clouds.
2	29.781	0.157	82.8	76.7	90.3	76.7	138.7	73.7	0.838	75	110	SE by E	27	...	Fine with passing clouds: lg. S. W.
3	29.805	0.125	83.0	76.7	92.5	78.2	140.3	75.5	0.835	74	152	SE by S	27	...	Do.
4	29.869	0.135	82.1	76.6	88.1	76.4	133.0	73.5	0.843	77	108	E S E	40	0.02	Do.
5	29.884	0.152	82.8	76.8	88.3	76.6	133.4	74.5	0.842	75	138	SE by E	30	0.02	Do.
6	29.850	0.145	82.2	77.0	88.7	76.5	137.2	74.7	0.850	78	143	S S E	43	0.15	Do.
7	29.823	0.132	83.1	76.7	91.4	77.0	144.0	74.3	0.833	74	146	S E	20	0.09	Fine with passing clouds: lg. N.
8	29.778	0.127	84.1	78.1	92.2	78.1	142.5	75.5	0.882	75	95	SE by S	27	...	Fine with passing clouds: lg. W.
9	29.761	0.129	83.5	77.0	93.2	78.2	143.5	74.5	0.841	74	115	SE by S	23	...	Fine with light clouds: lg. W.
10	29.770	0.097	82.7	76.6	91.7	77.4	141.0	74.5	0.835	75	98	S E	63	...	Passing clouds.
11	29.732	0.145	82.7	77.3	91.2	76.5	123.4	73.5	0.865	77	97	S S E	67	...	Ilazy: th. and lg. W.
12	29.708	0.149	83.6	76.1	99.0	78.6	141.5	75.7	0.801	69	189	S W	67	0.14	Cloudy: rain: th. & lg. W.
13	29.684	0.147	83.4	77.2	94.2	75.6	138.2	73.0	0.851	74	222	S S W	57	0.37	Passing clouds: rain: th. & lg. N.W.
14	29.688	0.148	82.1	75.6	94.0	74.3	139.5	72.0	0.799	73	178	SW by W	80	1.28	Cloudy: rain: th. and lg. W.
15	29.708	0.116	80.9	75.3	89.6	75.7	125.5	73.9	0.803	76	126	W by S	90	0.14	Cloudy: rain.
16	29.739	0.095	81.2	75.3	88.5	76.3	117.7	74.4	0.799	74	75	SW by W	90	0.06	Cloudy.
17	29.736	0.165	82.5	74.6	94.0	76.7	141.7	73.9	0.751	67	176	SW by W	70	0.13	Cloudy: rain.
18	29.745	0.155	83.8	75.9	95.3	76.5	140.5	73.4	0.790	68	187	S W	57	0.23	P. cl.: rain: th. & lg. S. and W.
19	29.731	0.148	83.1	76.0	91.1	77.2	122.6	74.7	0.803	71	160	SW by W	77	...	Cloudy: th. and lg. W.
20	29.718	0.120	81.0	74.9	91.5	78.3	135.2	75.4	0.785	74	201	SW by S	80	0.24	Cloudy: rain.
21	29.720	0.117	83.6	75.6	94.0	74.5	136.7	72.4	0.779	68	203	SW by S	63	...	Cloudy.
22	29.765	0.136	84.7	75.3	93.5	78.1	135.7	75.4	0.751	62	183	SW by S	60	...	Passing clouds.
23	29.775	0.116	81.3	75.2	86.2	78.4	100.8	75.9	0.794	74	116	S W	83	...	Cloudy.
24	29.742	0.100	83.5	77.6	91.8	79.3	131.5	77.4	0.868	75	160	SW by S	83	0.03	Cloudy: th. & lg. N.W.
25	29.774	0.122	82.7	75.6	88.9	78.8	119.8	76.9	0.791	71	132	West	80	...	Cloudy.
26	29.771	0.127	83.2	75.8	95.6	76.5	144.2	74.4	0.792	69	115	SW by S	73	...	Do.
27	29.760	0.158	80.7	76.6	89.3	78.0	116.3	76.4	0.862	83	109	S by W	80	...	Do.
28	29.766	0.130	83.1	77.0	91.3	75.6	135.4	72.4	0.847	75	174	S by E	27	...	Fine.
29	29.793	0.125	81.6	74.7	94.2	76.0	143.2	72.3	0.768	71	190	SW by S	25	...	Do.
30	29.803	0.139	85.5	74.6	96.1	76.6	139.5	73.9	0.711	58	195	W by S	40	...	Fine with light clouds.
Mean	29.766	0.132	82.7	76.1	91.7	76.9	133.9	74.4	0.815	73	148	S by W	56	2.90	

Madras Meteorological Observations. 1872—October.

October 1872	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.767	0.129	83.3	75.4	97.3	79.9	142.7	77.9	0.775	67	152	W by N	73	0.59	Cloudy : th. & lg. : rain.
2	29.748	0.142	83.0	76.8	91.6	76.5	127.4	75.5	0.839	74	100	W by N	78	...	Cloudy.
3	29.728	0.113	79.4	76.1	83.0	77.5	95.5	75.7	0.857	86	53	NW by N	100	0.12	Overcast.
4	29.713	0.106	81.0	74.2	86.1	76.0	121.8	73.6	0.755	71	130	NW by N	88	...	Cloudy.
5	29.732	0.125	83.6	74.7	95.5	74.4	139.8	70.8	0.740	64	128	W N W	50	0.01	Passing clouds.
6	29.783	0.112	82.9	76.2	93.5	78.2	142.5	75.5	0.814	72	123	S S W	53	0.01	Do.
7	29.787	0.129	81.5	76.2	93.3	74.7	144.3	72.9	0.833	77	100	SE by S	57	0.22	Passing clouds : rain.
8	29.792	0.130	82.5	77.8	92.7	78.3	143.7	75.9	0.889	80	55	South	73	0.10	Cloudy : th.
9	29.774	0.110	82.4	77.9	95.4	76.1	137.0	72.9	0.896	81	97	S W	70	...	Cloudy.
10	29.757	0.139	81.8	77.0	90.1	78.4	142.6	75.5	0.864	80	95	E S E	70	...	Passing clouds.
11	29.777	0.087	79.3	75.6	87.2	73.2	139.7	71.7	0.838	84	78	S by W	80	0.57	Cloudy : rain.
12	29.794	0.122	72.8	71.7	74.6	71.2	81.3	70.5	0.764	95	247	NW by N	100	7.69	Overcast : heavy rain.
13	29.820	0.091	71.9	69.5	74.4	69.2	88.9	67.8	0.690	88	317	N N W	100	7.79	Do. : do.
14	29.801	0.165	75.9	72.7	80.5	73.9	127.0	72.5	0.762	85	147	N N W	97	0.14	Cloudy.
15	29.784	0.128	79.8	76.0	90.4	74.1	134.3	71.5	0.848	84	77	NW by N	83	...	Do.
16	29.817	0.111	78.4	75.4	85.9	72.6	100.3	71.8	0.841	86	109	W S W	97	0.22	Cloudy : rain : th. & lg. N. W.
17	29.813	0.130	80.2	76.0	87.0	75.5	127.8	73.3	0.842	81	68	N W	63	...	Cloudy.
18	29.825	0.132	78.1	74.3	85.6	76.1	129.8	74.5	0.798	83	100	W N W	83	0.22	Cloudy : rain.
19	29.813	0.096	75.2	70.7	76.8	74.5	90.2	72.5	0.692	79	233	N W	97	0.13	Do. : do.
20	29.808	0.089	77.4	73.0	87.2	70.8	134.8	69.3	0.755	80	195	S W	57	0.67	Passing clouds : rain.
21	29.905	0.098	79.1	75.3	88.5	72.9	140.8	71.3	0.829	83	66	E S E	43	...	Passing clouds.
22	29.878	0.143	80.7	76.5	88.2	76.1	135.8	73.5	0.857	82	149	N N E	50	...	Do.
23	29.790	0.116	80.1	75.2	86.7	76.3	135.3	73.8	0.809	78	184	North	53	...	Light clouds.
24	29.746	0.122	78.6	71.6	85.2	75.2	115.3	71.3	0.682	70	133	N W	90	...	Cloudy.
25	29.774	0.140	78.8	70.4	90.0	70.1	130.5	64.4	0.632	63	134	W N W	70	...	Do.
26	29.801	0.113	79.8	73.0	90.5	73.5	133.2	69.3	0.722	71	91	N by W	57	...	Hazy.
27	29.839	0.103	80.1	73.7	90.1	73.1	135.3	68.3	0.747	72	97	NE by E	50	...	Passing clouds.
28	29.887	0.087	79.2	73.0	89.7	73.1	137.5	68.1	0.730	73	64	NE by E	30	...	Fine with passing clouds.
29	29.942	0.103	78.7	73.0	87.8	72.3	132.3	67.0	0.736	75	77	E by S	28	...	Passing clouds.
30	29.971	0.138	78.9	73.7	88.3	72.6	135.0	67.4	0.763	77	91	E by N	23	...	Fine with passing clouds.
31	29.971	0.107	80.2	73.8	87.7	73.3	132.3	67.6	0.749	72	103	E N E	20	...	Fine.
Mean	29.812	0.118	79.5	74.4	87.8	74.5	127.9	71.7	0.785	78	122	NW by N	67	18.48	

Madras Meteorological Observations. 1872—November.

November 1872	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.952	0.140	80.9	74.8	90.7	74.4	134.3	69.6	0.782	74	126	NE by E	8	...	Fine.
2	29.958	0.118	79.6	74.3	89.7	73.9	136.9	68.4	0.778	77	148	N N E	27	...	Fine with passing clouds.
3	29.963	0.120	77.7	70.1	88.6	72.4	133.5	67.1	0.637	67	184	N by E	27	...	Do.
4	29.951	0.119	76.3	71.6	83.5	71.4	133.6	66.4	0.713	78	163	N by E	77	0.63	Cloudy : rain.
5	29.929	0.120	77.1	73.1	85.1	73.4	133.4	71.3	0.762	82	137	N by E	73	1.26	Do. : do.
6	29.939	0.126	80.0	75.0	88.1	73.7	135.2	69.8	0.802	78	118	NE by N	47	0.12	Passing clouds.
7	29.933	0.122	79.5	74.8	87.0	73.9	141.2	70.1	0.800	79	89	E N E	63	0.08	Do.
8	29.922	0.113	78.9	74.4	86.5	73.3	134.4	68.5	0.792	80	151	N by E	50	0.04	Passing clouds : th. and lg. S. W.
9	29.945	0.109	76.4	73.6	85.6	73.4	116.4	69.9	0.792	87	143	N E	78	1.18	Cloudy : rain.
10	29.946	0.117	79.7	74.9	87.3	73.4	135.6	69.9	0.802	79	190	N N E	60	...	Passing clouds.
11	29.932	0.122	80.3	74.1	87.2	74.6	133.6	70.4	0.760	73	198	NE by N	50	...	Do.
12	29.919	0.108	80.0	73.5	88.3	74.4	137.6	70.3	0.740	72	209	NE by N	50	...	Do.
13	29.885	0.099	77.3	73.0	83.0	73.3	114.9	69.1	0.755	79	175	N by E	77	0.11	Cloudy : rain.
14	29.859	0.114	77.8	75.4	87.3	73.5	135.4	70.4	0.849	89	125	NE by N	83	0.96	Do. : do.
15	29.895	0.101	76.9	74.3	88.2	74.5	139.3	73.4	0.815	88	94	E N E	90	0.69	Do. : do.
16	29.875	0.124	79.3	75.1	86.7	74.0	136.4	71.7	0.818	82	159	NE by N	67	0.13	Cloudy.
17	29.858	0.129	79.8	74.4	85.2	74.6	127.2	70.6	0.779	76	248	N N E	63	...	Passing clouds.
18	29.846	0.116	75.1	74.1	76.5	74.9	89.6	73.3	0.831	95	197	N by E	98	2.91	Overcast : thunderstorm.
19	29.891	0.093	77.1	75.6	83.1	74.4	117.4	72.5	0.867	93	78	E N E	90	1.01	Cloudy : rain.
20	29.909	0.113	79.6	75.7	86.5	73.6	131.7	70.9	0.838	82	204	NE by E	67	0.09	Do. : do.
21	29.882	0.128	79.1	74.9	86.8	77.4	133.9	73.1	0.810	81	270	N E	78	0.73	Do. : do.
22	29.792	0.140	76.3	74.1	80.5	73.5	107.3	72.1	0.814	90	362	NE by N	100	3.34	Squally and overcast.
23	29.810	0.108	74.7	73.7	76.9	72.8	106.7	70.5	0.820	95	169	N N E	100	5.81	Overcast : heavy rain.
24	29.895	0.102	75.3	73.6	78.9	72.9	117.6	71.3	0.807	92	166	N by E	88	0.84	Cloudy : rain : lg. S. W.
25	29.923	0.118	79.4	73.7	85.9	75.6	134.3	71.3	0.756	75	234	N N E	47	...	Passing clouds : fine night.
26	29.878	0.139	78.6	72.6	84.5	75.2	133.1	69.7	0.722	74	301	N by E	80	...	Cloudy.
27	29.792	0.107	73.1	72.3	74.2	72.4	79.2	71.9	0.784	96	261	N by E	100	5.59	Overcast : heavy rain.
28	29.697	0.093	72.2	71.0	76.2	73.4	86.9	73.1	0.744	94	371	North	100	2.97	Do. : do.
29	29.721	0.098	71.6	69.9	74.6	68.2	100.5	66.6	0.710	92	140	W by N	93	0.48	Cloudy : rain.
30	29.804	0.096	75.7	73.4	82.9	71.6	135.2	68.3	0.793	89	41	N E	65	0.01	Passing clouds.
Mean	29.883	0.115	77.5	73.7	84.2	73.6	124.4	70.4	0.782	83	181	N N E	70	28.98	

Madras Meteorological Observations. 1872—December.

December 1872	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.902	0.104	77.3	74.8	82.8	73.3	109.8	70.5	0.830	89	35	SE by E	60	...	Cloudy day: fine night.
2	29.915	0.123	79.3	76.0	86.5	75.2	135.6	72.5	0.854	86	61	NE by E	63	...	Passing clouds.
3	29.850	0.121	78.3	75.0	85.7	75.1	137.5	71.9	0.825	85	110	N E	60	...	Do.
4	29.818	0.098	77.2	73.6	86.3	72.2	135.7	68.4	0.782	84	115	NE by N	43	...	Do.
5	29.861	0.092	76.6	74.8	82.4	74.9	129.4	72.7	0.839	92	215	N N E	90	1.31	Cloudy: rain: th.
6	29.921	0.094	76.5	74.6	81.0	73.8	118.4	70.4	0.832	91	175	E N E	97	2.10	Overcast and wet.
7	29.918	0.124	78.7	76.2	85.4	75.1	134.4	72.1	0.871	89	87	SE by E	67	0.03	Cloudy.
8	29.935	0.119	78.4	75.6	84.2	74.9	132.0	71.4	0.849	88	61	E S E	43	0.15	Passing clouds.
9	29.946	0.127	79.0	75.4	86.3	74.1	135.8	70.6	0.833	84	49	E by N	33	...	Do.
10	29.940	0.128	78.2	74.9	87.8	73.2	136.5	70.2	0.822	85	59	E by S	37	...	Do.
11	29.930	0.130	77.8	74.6	86.1	74.1	103.8	71.4	0.815	85	54	N N E	77	0.28	Cloudy: rain.
12	29.941	0.104	77.1	72.9	83.2	73.6	119.6	70.6	0.754	81	129	N by E	77	0.20	Do. & do.
13	29.942	0.108	74.6	70.5	84.2	69.5	129.0	64.7	0.693	81	111	N N E	37	...	Passing clouds.
14	29.962	0.107	74.3	68.2	84.2	69.2	131.6	65.3	0.609	72	100	N by E	50	...	Passing clouds: fine night.
15	29.972	0.114	75.1	69.5	81.3	69.2	132.3	65.1	0.648	75	161	North	23	...	Fine with passing clouds.
16	29.992	0.119	75.5	70.6	83.1	69.4	130.4	65.4	0.685	77	160	N by E	25	...	Do.
17	30.005	0.103	76.7	71.5	83.6	71.4	130.1	68.0	0.703	76	234	N N E	70	0.08	Cloudy.
18	29.982	0.107	72.5	71.1	74.8	72.7	88.5	69.0	0.744	93	136	N N E	93	1.60	Cloudy and wet.
19	29.958	0.120	77.5	72.5	85.3	70.9	132.7	67.4	0.733	78	139	N N E	50	...	Passing clouds.
20	29.970	0.110	76.2	72.8	85.3	74.2	133.5	69.6	0.762	84	157	N N E	70	0.08	Cloudy.
21	29.956	0.110	77.1	72.6	85.5	72.4	139.4	69.6	0.742	80	224	N N E	70	...	Do.
22	29.939	0.103	75.7	71.3	82.6	71.8	129.5	67.9	0.709	79	179	NE by N	80	0.12	Do.
23	29.937	0.104	78.1	70.5	85.0	75.9	132.5	71.6	0.648	68	254	N E	40	...	Passing clouds: fine night.
24	29.959	0.097	75.5	69.4	83.8	68.5	131.5	63.6	0.639	72	185	NE by N	37	...	Fine with passing clouds.
25	30.000	0.109	75.2	68.7	83.4	70.2	130.2	64.4	0.616	71	179	NE by N	23	0.02	Cloudy morning: fine day.
26	30.007	0.114	76.1	67.4	84.4	69.1	128.3	63.6	0.555	61	245	N E	13	...	Passing clouds.
27	29.941	0.155	75.6	68.5	84.6	69.7	130.8	64.9	0.603	69	233	N E	50	...	Fine with passing clouds.
28	29.916	0.122	73.2	67.2	83.4	66.8	133.6	59.5	0.588	72	160	N N E	20	...	Passing clouds.
29	29.925	0.099	73.5	65.8	83.8	68.1	135.7	63.4	0.534	64	180	N N E	67	...	Fine with passing clouds.
30	29.915	0.132	73.1	66.7	83.2	66.5	132.5	59.7	0.571	70	136	N N E	43	...	Passing clouds.
31	29.901	0.106	73.2	67.0	83.8	66.4	131.5	60.4	0.580	71	93	NE by N	48	...	Do.
Mean	29.937	0.113	76.2	71.6	84.0	71.7	128.8	67.6	0.718	79	142	N E	53	5.97	

Madras Mean Monthly and Annual Meteorological Results in 1872.

	Barometer		Dry Bulb Thermometer				Wet Bulb		Tension of Vapour	Relative Humidity	Gun	Minimum on Grass	Wind		Rain		Clear Sky	
	Reduced to 32°	Daily Range	Mean	Max.	Min.	Range	Mean	Min.	By	Tablets	Maximum	Minimum	Daily Velocity	Mean Direction	Amount	Days		
Inches	Inches	°	°	°	°	°	°	°	Inches	Cents	°	°	Miles	Points	Points	Inches	No.	Cents
January	29.989	0.122	75.5	85.3	67.5	17.8	68.6	64.8	0.608	69	135.5	62.1	163	5	NE by E	...	...	65
February	29.953	0.125	77.1	87.0	68.6	18.4	70.8	67.0	0.672	72	134.5	63.5	127	10	E S E	0.28	1	76
March	29.903	0.129	79.6	89.4	71.1	18.3	72.9	69.4	0.724	72	135.9	66.1	161	13	SE by S	...	...	90
April	29.822	0.123	83.8	92.3	77.0	15.2	76.5	73.9	0.815	70	138.6	73.8	190	12	S E	1.65	2	69
May	29.769	0.115	86.3	99.0	80.6	18.4	77.8	75.4	0.838	67	140.8	78.8	275	15	S by E	4.15	2	70
June	29.694	0.106	85.7	95.0	80.4	14.6	76.2	74.2	0.780	63	130.5	78.3	224	18	S S W	0.97	6	39
July	29.723	0.121	84.3	95.7	78.5	17.2	75.1	72.5	0.748	64	133.9	76.2	206	20	S W	2.71	19	30
August	29.725	0.122	82.4	92.2	76.6	15.6	75.4	72.5	0.788	71	131.6	74.6	180	20	S W	7.58	21	31
September	29.766	0.132	82.7	91.7	76.9	14.8	76.1	73.6	0.815	73	133.9	74.4	148	17	S by W	2.90	13	44
October	29.812	0.118	79.5	87.8	74.5	13.3	74.4	71.8	0.785	78	127.9	71.7	122	29	NW by N	18.48	14	33
November	29.883	0.115	77.5	84.2	73.6	10.6	73.7	71.6	0.782	83	124.4	70.4	181	2	N N E	28.98	21	30
December	29.937	0.113	76.2	84.0	71.7	12.3	71.6	69.4	0.718	79	128.8	67.6	142	4	N E	5.97	11	47
Annual	29.826	0.120	80.9	90.3	74.8	15.6	74.1	71.3	0.756	72	132.9	71.6	177	14	S S E	73.67	110	52

Madras Extreme Monthly Meteorological Records in 1872.

	Barometer			Dry Bulb Thermometer			Wet Bulb		Humidity		Sun Thermometer		Wind		Rain	
	Highest	Lowest	Range	Highest	Lowest	Day	Highest	Lowest	Cents	Day	Highest	Lowest	Miles	Day	Inches	Day
January	30.122	29.864	9	86.7	63.1	7	61.6	7	52	22	139.7	31	252	2	87	...
February	30.083	29.813	7	89.8	65.1	28	63.6	28	51	28	141.9	8	162	1	86	0.28
March	30.099	29.718	25	95.9	63.5	3	61.2	3	45	17	141.2	25	240	26	96	...
April	29.993	29.615	30	96.2	73.5	12	70.3	19	52	22	144.7	29	271	26	140	1.64
May	29.809	29.319	2	107.5	75.0	2	71.7	22	36	27	150.6	21	716	2	155	2.08
June	29.824	29.517	12	104.1	71.2	17	70.2	26	34	30	146.5	13	320	25	107	0.49
July	29.855	29.560	12	101.3	74.4	18	69.0	14	33	13	144.3	26	305	2	140	0.53
August	29.855	29.602	23	98.2	73.1	15	70.3	2	41	27	145.4	29	248	1	89	1.66
September	29.943	29.592	14	99.0	74.3	14	70.4	30	41	30	144.2	26	222	13	75	1.28
October	30.032	29.653	4	97.3	69.2	13	65.3	25	44	5	144.3	7	317	13	53	7.79
November	30.025	29.648	28	90.7	68.2	29	67.0	29	53	3	141.2	7	371	28	41	5.81
December	30.064	29.772	4	87.8	66.4	31	60.9	29	47	26	139.4	21	254	23	35	2.10

Madras Meteorological Observations. 1873—January.

January 1873	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.903	0.129	72.8	67.6	84.1	66.4	134.0	61.5	0.607	75	128	N E	57	...	Light passing clouds.
2	29.914	0.116	75.7	69.3	84.4	69.1	134.0	64.3	0.631	71	166	NE by N	52	...	Passing clouds.
3	29.925	0.112	74.2	67.9	84.3	69.2	131.7	63.5	0.600	71	116	NE by N	47	...	Fine with light clouds.
4	29.982	0.104	73.6	66.9	83.6	66.4	140.4	61.5	0.571	69	90	N E	67	...	Light passing clouds.
5	29.976	0.131	71.8	66.6	82.6	65.8	129.6	59.7	0.585	75	68	NE by E	23	...	Fine.
6	29.925	0.134	70.4	65.9	83.4	62.2	129.5	54.7	0.578	78	79	East	10	...	Do.
7	29.907	0.109	71.2	66.7	83.1	62.4	131.3	54.4	0.596	78	77	SE by E	8	...	Do.
8	29.956	0.100	72.9	68.3	81.5	64.2	130.6	57.9	0.632	78	99	East	23	...	Do.
9	29.969	0.119	75.0	69.6	85.9	66.1	136.8	59.4	0.652	75	133	NE by N	50	...	Fine with passing clouds.
10	29.956	0.133	73.6	68.4	85.0	66.0	132.8	59.1	0.627	75	126	NE by N	10	...	Fine.
11	29.948	0.123	72.1	67.7	84.6	62.6	132.1	55.5	0.620	78	112	NE by N	33	...	Fine with passing clouds.
12	29.989	0.138	72.2	66.9	85.6	63.6	133.3	56.5	0.590	75	129	N N E	15	...	Fine.
13	30.006	0.127	73.0	66.5	83.2	65.4	134.8	58.3	0.565	70	118	NE by N	35	...	Passing clouds.
14	30.021	0.123	72.1	66.6	84.9	62.6	135.9	55.7	0.580	74	94	N E	33	...	Fine with passing clouds.
15	30.021	0.126	71.8	65.9	83.5	65.4	135.1	58.5	0.560	71	70	E by N	23	...	Do.
16	29.980	0.155	71.1	65.4	82.9	61.9	130.4	52.7	0.552	72	86	S E	0	...	Clear.
17	29.937	0.131	71.1	66.7	82.2	60.9	127.8	52.2	0.597	78	111	S E	2	...	Do.
18	29.986	0.107	71.9	68.0	82.0	63.4	128.5	53.5	0.634	81	113	SE by S	20	...	Fine.
19	30.001	0.113	72.6	67.8	83.4	64.1	135.3	56.5	0.617	77	84	SE by E	23	...	Fine with passing clouds.
20	29.997	0.125	75.0	69.0	83.5	65.0	129.4	56.7	0.630	72	103	E by S	33	...	Do.
21	30.025	0.113	75.9	69.2	85.4	66.4	133.1	59.5	0.625	70	130	E by N	37	...	Passing clouds.
22	30.024	0.110	76.9	69.5	86.5	70.6	135.8	62.7	0.623	67	189	E N E	43	...	Do.
23	30.042	0.127	76.7	69.9	86.0	67.5	135.5	60.5	0.639	70	145	N E	50	...	Do.
24	30.011	0.118	76.1	70.1	86.5	68.4	135.8	62.4	0.657	73	145	NE by N	53	...	Do.
25	29.968	0.116	74.5	69.4	86.1	69.6	133.3	65.3	0.652	76	131	N E	47	0.01	Do.
26	29.932	0.126	74.2	68.1	85.5	63.8	132.9	55.6	0.607	72	107	NE by E	20	...	Do.
27	29.921	0.119	75.4	69.4	85.6	65.8	134.2	58.7	0.610	72	118	E N E	30	...	Fine with passing clouds.
28	29.932	0.128	77.9	70.5	86.6	68.6	132.5	62.5	0.648	68	152	NE by E	22	...	Do.
29	29.980	0.106	75.9	69.6	87.1	68.6	134.4	61.3	0.640	72	144	N E	53	...	Passing clouds.
30	29.985	0.115	76.5	68.6	86.7	68.2	135.5	61.0	0.594	65	167	N E	47	...	Do.
31	29.995	0.118	77.4	70.1	87.5	69.1	134.7	62.7	0.640	68	175	N E	47	...	Do.
Mean	29.971	0.121	73.9	68.1	84.7	65.8	133.3	58.8	0.613	73	120	E N E	33	0.01	

Madras Meteorological Observations. 1873—February.

February 1873	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.970	0.139	76.7	71.2	87.3	70.9	135.3	65.5	0.691	75	203	NE by N	70	..	Cloudy.
2	29.966	0.102	76.8	72.4	83.7	71.6	109.3	68.5	0.738	79	229	N N E	90	0.32	Cloudy : rain.
3	30.003	0.084	75.1	72.4	79.2	72.7	102.5	69.8	0.761	87	313	N E by E	93	1.32	Do. : do.
4	30.025	0.112	73.4	72.1	74.5	71.7	82.3	69.5	0.772	94	173	E by N	100	4.63	Overcast with heavy rain.
5	29.963	0.143	76.0	73.7	83.9	72.6	135.0	70.0	0.802	89	102	E N E	80	0.01	Cloudy.
6	29.981	0.123	77.6	73.0	84.6	72.3	130.2	68.5	0.752	80	117	E N E	50	...	Passing clouds.
7	29.988	0.107	76.3	71.0	84.4	70.9	128.5	66.5	0.689	76	86	E by N	33	...	Fine with passing clouds.
8	30.000	0.109	77.2	70.7	84.6	70.6	131.0	66.4	0.665	71	125	E by N	43	...	Passing clouds.
9	29.987	0.123	75.9	70.6	84.1	69.3	128.5	64.6	0.679	76	88	E by N	33	...	Fine with passing clouds.
10	29.986	0.131	74.8	69.8	84.2	67.9	130.6	62.5	0.663	77	80	E by N	17	...	Fine.
11	29.965	0.102	75.4	71.0	84.6	67.5	130.0	61.6	0.701	79	83	East	20	...	Fine with passing clouds.
12	29.981	0.115	76.3	71.9	85.9	69.4	128.5	63.7	0.724	79	91	East	20	...	Do.
13	29.992	0.115	77.2	72.5	87.3	69.9	133.0	65.3	0.737	79	101	E N E	33	...	Do.
14	29.996	0.107	78.2	72.5	86.5	70.9	131.5	64.7	0.724	75	145	N E	37	...	Passing clouds.
15	29.957	0.122	77.5	71.3	85.8	69.6	130.7	63.4	0.685	72	153	N E	30	...	Fine with passing clouds.
16	29.947	0.121	76.9	71.4	86.2	70.0	131.6	61.6	0.696	75	126	N E	30	...	Passing clouds.
17	29.941	0.113	77.7	73.0	85.6	70.4	131.5	65.4	0.750	79	112	E by N	40	...	Fine with passing clouds.
18	29.980	0.106	79.7	74.3	87.3	73.2	137.6	68.9	0.776	76	149	E by N	40	...	Passing clouds.
19	30.003	0.117	79.9	73.4	87.9	75.5	133.1	71.3	0.737	73	211	E N E	50	...	Do.
20	29.960	0.165	79.2	72.6	88.5	75.0	129.6	70.4	0.714	72	182	N E	33	...	Fine with passing clouds.
21	29.896	0.139	78.1	73.9	89.0	71.3	130.4	65.4	0.782	81	76	NE by E	27	...	Do.
22	29.941	0.122	78.2	74.0	87.4	71.0	128.3	65.2	0.784	81	98	E S E	23	...	Do.
23	29.877	0.163	79.9	74.0	94.7	72.7	134.6	66.1	0.761	74	90	SE by S	15	...	Fine.
24	29.831	0.126	79.4	74.3	87.8	72.5	130.8	66.3	0.781	78	125	S S E	13	...	Do.
25	29.873	0.114	78.6	71.7	88.7	72.5	133.2	66.3	0.685	70	131	SE by S	10	...	Do.
26	29.890	0.128	76.4	68.8	85.6	68.4	130.4	60.4	0.603	67	132	SE by S	15	...	Do.
27	29.881	0.144	75.2	69.0	85.3	65.4	130.2	57.4	0.627	72	128	SE by S	3	...	Clear.
28	29.851	0.135	75.3	70.2	85.6	65.5	129.4	58.3	0.672	77	104	SE by S	0	...	Do.
Mean	29.951	0.123	77.1	72.0	85.7	70.8	127.8	65.6	0.720	77	134	E by N	37	6.28	

Madras Meteorological Observations. 1873—March.

March 1873	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.894	0.114	76.0	70.6	86.4	67.8	131.5	60.5	0.677	75	127	SE by S	8	...	Fine.
2	29.884	0.108	75.6	68.4	85.6	66.6	130.6	59.5	0.600	67	132	SE by S	13	...	Do.
3	29.864	0.133	76.8	69.1	86.0	67.5	130.5	61.5	0.610	66	141	SE by S	7	...	Do.
4	29.885	0.131	77.3	70.0	86.5	70.0	130.6	64.1	0.637	68	117	S E	17	...	Do.
5	29.894	0.142	76.3	69.7	85.9	68.8	131.7	62.5	0.639	71	129	SE by E	20	...	Do.
6	29.891	0.131	77.6	70.5	86.4	68.9	136.4	62.9	0.653	70	140	SE by E	23	...	Fine with passing clouds.
7	29.906	0.144	80.0	73.2	88.2	72.0	136.8	66.5	0.727	71	140	E S E	47	...	Passing clouds.
8	29.900	0.118	79.8	74.0	89.8	72.8	135.4	68.5	0.763	75	158	S E	18	...	Fine.
9	29.931	0.142	79.9	73.1	88.7	71.3	134.2	66.5	0.725	71	105	SE by E	20	...	Do.
10	29.935	0.126	80.3	73.0	88.4	76.0	132.8	71.5	0.715	69	151	E by S	5	...	Do.
11	29.947	0.130	78.3	68.6	88.3	67.5	133.5	61.7	0.570	59	110	East	3	...	Clear.
12	29.924	0.132	76.8	68.7	87.2	65.3	134.8	59.5	0.595	65	109	E by N	3	...	Do.
13	29.869	0.206	76.8	70.5	90.3	68.0	134.6	62.3	0.663	72	134	S E	7	...	Fine.
14	29.903	0.140	78.6	71.6	87.5	69.3	134.0	63.9	0.682	70	185	SE by S	17	...	Fine with passing clouds.
15	29.931	0.129	80.0	73.9	88.6	72.0	136.5	66.3	0.756	74	140	E S E	20	...	Fine.
16	29.956	0.132	79.7	72.5	88.6	73.2	139.5	68.4	0.703	69	133	E by S	20	...	Do.
17	29.945	0.133	77.9	71.8	88.0	68.4	132.3	64.0	0.700	74	127	East	13	...	Do.
18	29.949	0.126	78.5	72.4	87.3	70.9	135.2	66.4	0.715	74	121	East	23	...	Fine with passing clouds.
19	29.927	0.125	77.1	71.5	87.1	69.2	132.6	63.6	0.698	75	108	E S E	10	...	Fine.
20	29.922	0.121	77.5	72.4	86.8	69.2	132.3	63.6	0.729	77	148	S E	17	...	Do.
21	29.942	0.121	77.8	71.6	87.0	69.3	133.2	64.0	0.693	73	152	SE by S	17	...	Fine with passing clouds.
22	29.923	0.172	78.7	71.9	87.5	68.0	133.5	62.4	0.692	71	170	SE by S	17	...	Fine.
23	29.914	0.123	79.9	73.5	88.6	71.3	135.2	66.4	0.741	72	154	SE by S	3	...	Clear.
24	29.910	0.151	81.1	75.0	91.5	72.0	137.4	67.4	0.788	74	162	SE by S	17	...	Fine.
25	29.901	0.140	80.8	75.2	91.1	74.2	135.6	69.6	0.800	76	189	SE by S	10	...	Do.
26	29.872	0.114	80.9	74.3	88.7	73.4	132.4	69.4	0.761	72	203	S S E	10	...	Do.
27	29.852	0.141	80.3	74.5	88.3	71.7	132.2	66.5	0.777	75	187	S S E	17	...	Do.
28	29.895	0.111	80.5	74.3	87.8	74.3	136.2	69.4	0.766	73	154	SE by S	30	...	Passing clouds.
29	29.947	0.133	81.5	75.0	90.4	73.2	138.2	69.5	0.782	73	112	E S E	40	...	Do.
30	29.943	0.125	81.9	74.7	89.2	74.3	134.3	69.4	0.764	70	144	East	30	...	Do.
31	29.930	0.130	81.9	75.6	91.2	75.5	139.4	72.4	0.802	74	136	East	60	...	Hazy.
Mean	29.912	0.133	78.9	72.3	88.2	70.7	134.3	65.5	0.707	71	143	SE by E	18	Nil.	

Madras Meteorological Observations. 1873—April.

April 1873	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.891	0.127	81.6	75.5	90.8	74.5	142.7	71.4	0.802	75	111	E by S	70		Cloudy.
2	29.836	0.133	83.0	76.9	90.5	76.9	138.3	74.6	0.844	75	145	East	70	...	Do.
3	29.793	0.093	80.0	74.8	90.3	79.5	131.8	77.1	0.793	77	271	NE by E	83	1.07	Cloudy with rain.
4	29.726	0.130	78.5	74.2	87.5	73.6	136.3	72.8	0.789	81	207	North	80	0.30	Cloudy.
5	29.738	0.133	81.3	76.6	91.7	75.4	133.5	73.4	0.853	80	123	W S W	50	...	Hazy.
6	29.754	0.114	83.1	76.2	93.7	76.2	132.4	73.7	0.811	71	136	East	30	...	Fine with passing clouds.
7	29.787	0.136	83.3	78.0	91.4	77.2	136.8	74.7	0.889	78	131	E by N	50	...	Passing clouds.
8	29.808	0.112	83.9	78.9	91.6	77.5	135.8	75.0	0.922	79	139	E by S	45	...	Do.
9	29.805	0.129	85.1	78.3	92.1	79.1	135.6	77.0	0.878	73	127	E by S	45	...	Do.
10	29.818	0.138	84.1	77.5	89.0	80.8	135.8	79.0	0.856	74	182	SE by E	50	...	Do.
11	29.776	0.144	83.2	77.5	88.6	77.6	133.2	75.5	0.868	76	201	SE by S	33	...	Light clouds.
12	29.742	0.119	83.1	77.7	89.8	76.2	134.6	73.1	0.878	77	200	SE by S	20	...	Fine.
13	29.745	0.134	85.1	78.2	93.7	78.6	139.8	76.8	0.873	72	246	S S E	10	...	Do.
14	29.777	0.136	84.9	77.8	101.5	78.1	142.8	76.2	0.859	72	226	S by E	8	...	Fine : lg.
15	29.733	0.127	87.1	77.4	102.3	80.4	145.6	78.4	0.809	63	200	S S E	13	...	Fine.
16	29.743	0.131	85.8	78.6	98.6	81.1	141.5	78.5	0.882	71	232	S by E	25	...	Fine with passing clouds.
17	29.816	0.108	84.5	78.2	90.8	80.0	133.9	78.0	0.881	74	262	SE by S	3	...	Clear.
18	29.833	0.120	85.0	77.8	92.7	80.0	135.7	77.5	0.858	71	259	SE by S	3	...	Do.
19	29.871	0.149	82.4	76.7	91.4	80.4	140.5	77.5	0.843	76	245	S S E	32	...	Fine with passing clouds.
20	29.826	0.161	82.9	75.5	91.6	75.6	136.0	73.0	0.784	69	194	South	30	...	Do.
21	29.808	0.144	85.1	77.5	96.4	79.0	141.3	77.0	0.843	70	220	S by E	37	...	Passing clouds.
22	29.804	0.140	85.1	77.5	100.9	78.1	142.8	76.5	0.843	70	201	S by E	15	...	Fine.
23	29.827	0.140	85.4	79.1	99.5	79.4	144.3	77.2	0.910	75	206	S by E	5	...	Clear.
24	29.854	0.133	83.8	77.8	91.3	77.6	134.5	74.7	0.873	75	226	S S E	13	...	Fine.
25	29.866	0.141	82.2	76.0	89.7	75.4	132.7	72.2	0.815	74	199	SE by S	13	...	Do.
26	29.850	0.157	83.9	77.8	94.5	77.4	137.5	74.5	0.872	75	218	S S E	17	...	Do.
27	29.826	0.143	84.8	78.4	94.5	78.2	138.3	76.5	0.885	74	256	S S E	3	...	Clear.
28	29.790	0.141	84.2	77.9	91.8	77.4	135.4	75.0	0.872	74	241	S S E	3	...	Do.
29	29.790	0.154	86.0	78.5	96.8	79.0	139.5	77.4	0.875	70	294	S by E	13	...	Fine.
30	29.761	0.142	84.9	77.1	91.9	78.4	133.5	75.0	0.827	69	293	S S E	5	...	Do.
Mean	29.800	0.134	83.8	77.3	93.2	78.0	137.4	75.6	0.853	74	207	S E	29	1.37	

Madras Meteorological Observations. 1873—May.

May 1873	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.754	0.151	86.7	76.6	97.9	79.9	139.5	77.5	0.781	62	327	S by E	13	...	Fine.
2	29.721	0.147	86.2	78.2	102.3	79.6	142.9	78.5	0.858	68	306	S by E	23	...	Do.
3	29.746	0.142	86.2	78.9	97.5	80.6	139.3	79.5	0.891	71	287	S S E	10	...	Do.
4	29.802	0.133	85.3	78.8	94.5	79.9	140.3	78.1	0.898	74	289	S S E	13	...	Do.
5	29.856	0.112	84.3	76.9	90.8	79.1	132.8	77.5	0.826	70	252	SE by S	15	...	Do.
6	29.887	0.111	83.6	77.0	90.8	78.2	138.7	75.3	0.840	73	206	S E	13	...	Do.
7	29.890	0.116	83.5	77.5	91.5	77.6	133.4	74.5	0.864	75	185	SE by E	23	...	Fine with passing clouds.
8	29.887	0.129	84.5	77.6	91.6	77.6	134.4	74.5	0.854	72	164	S E	17	...	Do.
9	29.920	0.122	83.6	76.4	91.5	77.4	134.9	74.0	0.816	70	160	SE by S	13	...	Do.
10	29.895	0.142	83.5	76.6	93.3	77.3	145.2	74.0	0.823	72	158	SE by S	27	...	Do.
11	29.819	0.153	83.9	76.4	93.8	77.1	139.5	74.4	0.810	69	178	SE by S	17	...	Fine.
12	29.774	0.162	84.6	76.2	92.3	76.1	135.4	72.7	0.791	66	213	SE by S	27	...	Fine with passing clouds.
13	29.813	0.128	85.5	78.3	93.6	80.0	136.5	77.0	0.873	71	174	SE by S	30	...	Do.
14	29.836	0.109	85.4	78.2	93.9	80.6	138.4	78.5	0.869	71	138	S E	30	...	Passing clouds.
15	29.824	0.118	84.5	78.1	92.7	77.8	135.9	75.3	0.876	74	159	S E	40	...	Do.
16	29.792	0.129	84.0	78.0	92.2	76.9	134.9	73.5	0.879	75	164	SE by S	22	...	Fine with passing clouds.
17	29.776	0.122	84.6	76.8	91.7	77.4	133.4	74.2	0.818	69	166	SE by S	13	...	Fine.
18	29.800	0.092	84.0	77.1	91.9	77.2	129.7	73.6	0.838	72	150	S E	17	...	Do.
19	29.797	0.099	83.1	75.8	92.6	75.4	133.7	71.2	0.794	70	120	S E	15	...	Do.
20	29.768	0.109	84.7	77.3	93.9	76.3	132.9	73.4	0.839	70	146	S E	13	...	Do.
21	29.743	0.125	85.4	79.1	94.9	77.4	135.9	73.9	0.910	75	152	S E	20	...	Do.
22	29.694	0.129	86.9	78.4	99.8	79.8	140.5	76.4	0.858	67	186	SE by S	12	...	Do.
23	29.678	0.114	85.6	80.3	96.7	80.4	137.2	77.4	0.950	75	166	S E	20	...	Do.
24	29.704	0.095	86.5	78.7	95.6	80.0	135.5	77.3	0.877	69	146	SE by E	23	...	Fine with passing clouds.
25	29.674	0.069	85.4	79.3	94.4	80.4	134.7	78.4	0.919	76	130	E S E	80	...	Cloudy.
26	29.685	0.075	85.3	78.3	92.4	81.7	136.6	79.2	0.876	72	230	SE by S	67	0.02	Do.
27	29.687	0.133	85.0	77.5	91.6	80.6	137.5	78.9	0.844	70	320	S by E	47	...	Passing clouds.
28	29.623	0.151	85.7	77.2	98.8	79.4	137.7	77.7	0.820	66	332	S by W	27	...	Do.
29	29.585	0.136	88.1	76.6	101.8	81.4	142.2	77.9	0.762	57	353	S S W	18	...	Fine.
30	29.556	0.109	87.4	76.7	101.9	82.0	140.8	79.9	0.775	60	324	S by W	30	...	Passing clouds.
31	29.581	0.129	87.6	76.8	100.7	82.7	133.6	81.6	0.777	59	280	South	55	...	Do.
Mean	29.760	0.122	85.2	77.6	94.8	79.0	136.9	76.3	0.845	70	212	SE by S	25	0.02	

Madras Meteorological Observations. 1873—June.

June 1873	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.608	0.144	92.8	75.1	106.3	83.4	145.3	82.1	0.633	41	270	S W	60	...	Passing clouds.
2	29.622	0.153	88.6	76.1	105.8	82.6	141.3	81.5	0.733	54	332	SW by S	32	...	Do.
3	29.667	0.141	88.3	76.8	104.7	84.0	137.5	81.5	0.768	57	232	S S W	70	...	Fine with passing clouds.
4	29.684	0.125	88.0	75.2	103.2	82.4	142.3	80.5	0.708	53	233	S W	80	...	Cloudy.
5	29.704	0.119	89.9	74.1	99.7	82.5	135.1	81.1	0.631	44	211	W by S	77	...	Do.
6	29.668	0.106	88.6	75.2	100.3	83.4	139.0	81.5	0.694	51	227	South	68	...	Do.
7	29.634	0.114	86.5	75.5	97.6	82.4	131.1	81.5	0.735	58	225	S S W	75	...	Hazy.
8	29.632	0.047	82.2	75.0	92.3	80.4	114.7	75.1	0.772	70	205	S W	93	0.30	Cloudy : th. and lg.
9	29.670	0.117	86.8	75.1	98.1	79.2	133.5	76.8	0.714	56	196	W by S	90	...	Cloudy.
10	29.683	0.112	87.1	75.3	97.6	81.2	129.6	74.3	0.719	56	210	W by S	83	0.01	Do.
11	29.633	0.135	87.5	75.6	103.4	82.4	139.9	81.5	0.726	56	263	SW by W	80	0.15	Do.
12	29.642	0.126	89.1	76.0	100.5	81.1	137.5	79.5	0.722	53	205	SW by S	80	...	Do.
13	29.680	0.136	88.8	75.5	103.9	82.4	139.3	80.6	0.704	52	275	SW by S	75	0.17	Do.
14	29.693	0.147	88.5	76.2	104.5	81.0	143.3	78.6	0.739	55	249	West	60	0.10	Do.
15	29.686	0.162	87.3	76.6	101.5	80.4	143.5	78.3	0.772	60	205	SW by W	87	0.14	Do.
16	29.682	0.120	85.2	75.3	101.5	80.2	136.8	77.5	0.745	61	265	SW by W	67	0.06	Do.
17	29.698	0.144	86.1	75.8	103.4	79.2	137.3	76.6	0.753	60	227	S by W	63	...	Passing clouds.
18	29.674	0.151	88.0	76.1	104.4	82.5	141.6	79.7	0.741	56	252	S S W	55	...	Light clouds.
19	29.725	0.077	86.2	75.6	101.2	83.2	133.9	81.5	0.744	59	204	S S W	77	0.06	Cloudy.
20	29.711	0.127	85.9	75.6	101.2	78.5	141.9	76.0	0.748	60	180	S S E	80	...	Do.
21	29.677	0.116	88.2	75.8	103.1	83.7	140.6	82.5	0.726	54	261	S S W	73	...	Do.
22	29.672	0.113	87.4	76.0	103.7	82.7	139.2	81.0	0.745	57	268	S S W	50	...	Light passing clouds.
23	29.704	0.097	88.0	76.6	103.5	82.5	143.6	81.1	0.763	57	222	S by E	50	...	Do.
24	29.745	0.122	84.4	75.5	101.3	81.7	141.7	79.5	0.763	64	171	S W	85	0.84	Cloudy : thunderstorm.
25	29.706	0.127	86.2	75.7	100.2	77.0	132.5	74.9	0.748	60	246	W S W	57	0.08	Passing clouds.
26	29.697	0.134	85.3	75.3	101.1	78.7	135.7	76.7	0.744	61	259	S W	42	...	Do.
27	29.679	0.129	86.4	76.3	102.2	79.5	142.1	77.5	0.771	61	246	SW by S	37	0.05	Fine with passing clouds : lg. N.
28	29.674	0.126	85.9	75.9	98.7	79.5	134.9	75.5	0.761	61	269	S S W	47	...	Light passing clouds.
29	29.668	0.120	87.2	76.0	101.2	81.5	136.6	80.8	0.748	58	260	SW by S	20	...	Passing clouds.
30	29.679	0.121	91.2	74.5	102.2	83.2	141.5	82.4	0.630	44	275	West	70	...	Cloudy.
Mean	29.677	0.124	87.4	75.6	101.6	81.4	137.8	79.3	0.730	56	238	S W	66	1.96	

Madras Meteorological Observations. 1873—July.

July 1873	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind				General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion	Clouds	Rain	
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.689	0.118	86.5	74.2	97.5	83.6	124.9	81.4	0.681	54	242	W by S	90	0.33	Cloudy: th. lg. and rain.
2	29.689	0.121	83.3	74.2	92.7	77.8	120.1	77.4	0.725	62	178	W S W	100	0.06	Overcast.
3	29.681	0.134	85.3	73.4	95.3	77.5	126.7	75.4	0.663	54	248	SWbyW	93	...	Cloudy.
4	29.656	0.141	85.5	74.4	101.9	77.7	140.8	73.4	0.703	58	258	SW by S	67	...	Passing clouds.
5	29.681	0.126	83.4	75.2	100.7	77.7	142.0	73.9	0.765	66	191	S S W	70	0.36	Cloudy: light thunderstorm.
6	29.698	0.144	86.2	75.9	96.5	78.3	133.4	77.3	0.757	60	185	W by S	83	...	Hazy clouds: lg.
7	29.736	0.121	86.1	74.8	95.0	82.5	128.5	80.1	0.711	57	255	SWbyW	97	...	Overcast.
8	29.783	0.121	86.7	73.5	96.2	81.3	125.2	78.9	0.649	51	203	S W	93	...	Cloudy.
9	29.773	0.142	88.1	72.4	102.2	79.8	138.9	76.4	0.586	44	220	SWbyW	73	...	Do.
10	29.747	0.158	86.9	72.2	97.6	76.6	132.6	74.8	0.593	46	204	SWbyW	67	...	Do.
11	29.746	0.114	89.9	72.9	98.4	81.6	140.5	78.6	0.581	41	265	S W	63	...	Passing clouds.
12	29.709	0.137	88.1	73.5	99.5	82.6	139.6	80.4	0.631	48	270	S S W	73	0.27	Cloudy.
13	29.708	0.094	87.3	73.3	94.1	80.8	127.6	78.7	0.632	49	275	W S W	73	...	Do.
14	29.697	0.139	86.7	74.7	99.6	80.5	137.5	77.4	0.699	55	254	S W	63	0.14	Passing clouds.
15	29.686	0.160	85.7	76.2	100.3	79.4	141.4	76.4	0.777	63	214	SW by S	70	0.23	Do.
16	29.704	0.126	85.0	75.5	100.0	79.2	133.6	76.6	0.756	63	218	SW by S	80	0.01	Cloudy.
17	29.687	0.146	88.3	75.6	103.9	78.8	143.4	76.6	0.715	54	254	SW by S	60	...	Passing clouds: lg. S.
18	29.630	0.169	89.9	76.0	103.2	81.5	139.6	79.2	0.711	50	230	W by S	73	...	Hazy clouds.
19	29.622	0.154	90.6	74.5	101.5	84.7	136.9	78.8	0.638	45	232	West	77	...	Cloudy.
20	29.645	0.124	88.0	75.3	101.8	83.7	142.8	82.6	0.707	53	243	SW by S	70	...	Cloudy: lg. S.
21	29.703	0.102	85.5	74.5	103.1	81.3	137.8	78.6	0.707	58	247	S W	67	0.11	Cloudy.
22	29.688	0.138	87.0	74.0	99.3	80.4	135.8	77.4	0.666	52	236	W S W	80	0.34	Cloudy: rain: lg. S.
23	29.678	0.137	81.8	75.0	97.5	78.6	134.6	76.4	0.778	72	169	SW by S	87	0.36	Cloudy: rain.
24	29.715	0.125	86.3	74.1	96.6	76.8	135.1	74.0	0.679	54	222	W S W	70	0.02	Cloudy.
25	29.743	0.139	85.8	75.6	98.2	79.5	137.3	75.8	0.749	60	205	SWbyW	73	...	Do.
26	29.741	0.117	84.9	75.5	96.6	80.2	135.5	77.7	0.757	63	203	S S W	63	...	Do.
27	29.709	0.126	84.6	76.5	98.8	78.8	141.7	76.8	0.805	68	231	South	63	...	Light clouds.
28	29.747	0.109	83.5	76.2	95.5	76.5	135.0	74.6	0.806	70	275	SW by S	67	...	Light passing clouds.
29	29.799	0.121	83.2	75.9	98.2	75.8	141.8	73.6	0.797	70	232	SW by S	50	...	Passing clouds.
30	29.810	0.131	85.1	75.2	93.0	77.5	124.8	74.7	0.742	61	162	West	73	...	Hazy clouds.
31	29.748	0.163	85.9	76.0	99.8	80.0	138.3	78.0	0.765	61	209	S by W	70	...	Cloudy.
Mean	29.711	0.132	86.2	74.7	98.5	79.7	135.3	77.2	0.707	57	227	S W	74	2.23	

Madras Meteorological Observations. 1873—August.

August 1873	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.749	0.110	83.7	73.2	92.5	80.6	124.8	78.5	0.677	59	182	SWbyW	93	...	Cloudy.
2	29.762	0.097	78.3	73.6	83.9	75.5	99.8	71.9	0.766	79	148	S W	100	0.83	Overcast : rain.
3	29.769	0.114	78.2	73.9	84.9	74.2	104.6	72.3	0.779	81	193	S W	100	0.09	Overcast.
4	29.693	0.166	80.5	74.8	91.1	74.9	136.2	72.7	0.786	75	142	W by S	97	0.22	Cloudy : rain.
5	29.681	0.111	82.5	75.2	90.6	77.4	123.9	74.7	0.777	70	113	W by N	90	...	Cloudy.
6	29.738	0.132	82.5	75.9	95.6	75.6	141.3	72.5	0.807	73	129	SW by S	75	...	Do.
7	29.797	0.122	83.9	76.4	94.1	79.5	129.4	77.3	0.810	69	155	S S E	68	...	Light passing clouds.
8	29.824	0.120	85.0	77.2	96.6	78.6	136.7	76.6	0.830	69	133	SE by S	42	...	Light clouds.
9	29.829	0.134	84.6	77.6	91.6	80.4	138.9	78.5	0.853	72	229	SE by S	40	...	Do.
10	29.828	0.129	84.2	76.7	96.4	77.4	136.0	75.8	0.819	70	188	South	10	...	Fine.
11	29.843	0.120	84.4	76.0	92.2	79.2	133.9	77.3	0.785	66	225	S S E	12	...	Do.
12	29.868	0.119	84.0	77.4	93.0	78.4	139.9	75.5	0.840	70	185	SE by S	27	...	Passing clouds.
13	29.833	0.152	83.9	76.9	96.3	78.9	140.2	76.7	0.831	72	196	S by E	43	...	Light passing clouds.
14	29.792	0.102	84.9	75.9	93.7	79.4	134.6	77.5	0.774	64	204	South	33	0.02	Fine with passing clouds.
15	29.776	0.126	83.5	75.1	96.7	76.6	141.6	74.5	0.759	65	159	SWbyW	53	0.15	Passing clouds.
16	29.782	0.125	85.0	76.4	96.4	76.9	138.4	74.6	0.783	63	171	S S W	40	...	Fine with light clouds.
17	29.760	0.116	86.5	75.4	97.6	78.3	139.1	76.7	0.732	58	157	S by W	40	...	Do.
18	29.761	0.124	86.6	75.9	96.1	80.0	142.7	78.1	0.751	59	131	S by W	63	...	Passing clouds.
19	29.740	0.158	84.0	75.4	98.7	76.3	144.7	74.6	0.766	65	166	S W	70	0.08	Cloudy.
20	29.732	0.111	84.2	75.1	98.1	76.4	141.6	74.5	0.750	64	166	SW by W	63	...	Do.
21	29.714	0.151	84.6	75.8	98.5	75.8	146.0	73.4	0.774	65	157	W S W	37	0.07	Fine with passing clouds.
22	29.714	0.098	79.2	75.7	93.0	77.3	139.2	75.9	0.843	85	93	W S W	77	1.22	Cloudy : rain.
23	29.677	0.110	80.5	75.9	88.9	76.3	135.5	74.6	0.834	80	133	S S W	67	0.05	Cloudy.
24	29.664	0.150	84.2	76.7	96.2	75.9	137.1	74.2	0.819	70	178	S W	63	0.18	Passing clouds : thunderstorm.
25	29.681	0.100	81.7	76.0	88.9	77.3	123.6	76.4	0.822	76	79	W S W	90	...	Cloudy.
26	29.687	0.124	83.2	74.7	92.0	78.3	124.9	77.2	0.746	65	170	West	83	0.07	Do.
27	29.697	0.135	84.3	74.3	93.6	79.4	127.9	78.2	0.715	60	275	S W	93	...	Do.
28	29.721	0.095	83.9	74.5	95.2	79.2	137.0	77.5	0.728	62	257	W S W	80	0.01	Do.
29	29.734	0.132	86.9	73.8	97.5	79.2	142.0	77.6	0.660	52	260	W by S	68	...	Passing clouds.
30	29.738	0.185	88.0	73.2	98.3	78.9	151.4	76.9	0.619	46	266	W by S	63	...	Do.
31	29.744	0.145	83.0	74.0	90.1	80.3	142.7	78.6	0.707	60	219	West	63	0.40	Passing clouds : rain.
Mean	29.753	0.126	83.6	75.4	94.1	77.8	134.7	75.8	0.772	67	176	SW by S	63	3.39	

Madras Meteorological Observations. 1873—September.

September 1873	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind				General Weather
	Mean	Range			Dry		Sun	Grass								Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion	Clouds	Rain
			Dry	Wet	Max.	Min.	Max.	Min.							
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points.	Cents	Inches	
1	29.709	0.128	81.9	75.1	91.6	75.4	134.3	74.5	0.781	72	109	West	95	0.18	Cloudy with rain.
2	29.730	0.138	82.8	74.6	92.2	78.8	126.6	76.7	0.747	66	203	W by S	95	0.24	Do.
3	29.725	0.161	85.1	74.8	94.2	77.4	135.8	74.6	0.725	60	196	SW by W	75	...	Clondy.
4	29.729	0.134	86.5	75.6	96.3	79.2	141.7	76.4	0.739	58	249	SW by W	70	...	Do.
5	29.743	0.128	86.1	74.6	97.2	78.4	136.8	75.6	0.703	57	263	S W	65	...	Do.
6	29.789	0.112	84.2	75.8	97.4	78.4	138.4	76.5	0.779	66	224	S S W	70	...	Do.
7	29.824	0.145	85.7	74.8	99.2	79.6	143.2	77.6	0.716	58	236	SW by S	60	...	Passing clouds.
8	29.840	0.132	85.5	75.0	99.5	78.6	143.6	76.6	0.728	59	224	S by W	43	...	Do.
9	29.832	0.133	84.4	74.7	95.6	77.6	142.1	75.6	0.730	62	203	South	33	...	Fine with light clouds.
10	29.811	0.111	84.9	75.2	98.5	78.9	146.2	76.2	0.745	62	195	S by E	30	...	Fine.
11	29.775	0.161	85.7	75.5	97.5	79.3	148.7	76.8	0.746	61	196	South	28	...	Fine with passing clouds.
12	29.725	0.153	86.2	74.3	98.7	80.3	148.2	78.6	0.688	55	207	South	43	...	Do.
13	29.737	0.120	86.4	75.8	101.9	81.3	151.0	79.6	0.750	60	215	South	57	...	Passing clouds.
14	29.758	0.145	86.2	75.0	100.3	79.6	144.2	77.2	0.718	58	222	S by W	60	...	Do.
15	29.795	0.137	85.0	73.1	96.9	78.6	142.3	76.4	0.655	54	229	S by E	10	...	Fine
16	29.819	0.139	85.8	75.2	97.6	78.1	147.1	75.5	0.733	59	159	SE by S	33	...	Fine with passing clouds.
17	29.830	0.073	82.7	76.7	95.4	80.1	147.6	78.4	0.839	75	90	South	85	0.33	Cloudy : rain.
18	29.824	0.127	79.9	75.6	86.4	76.1	109.9	74.3	0.829	81	79	S S W	83	0.12	Do. : do.
19	29.806	0.148	82.6	77.0	91.4	75.6	142.8	73.4	0.854	77	113	South	40	...	Fine with passing clouds.
20	29.784	0.154	82.7	77.4	89.4	76.4	139.8	74.2	0.870	78	124	SE by S	27	...	Do.
21	29.771	0.108	81.8	77.2	89.8	75.9	132.6	73.8	0.873	81	155	S S E	63	1.16	Cloudy : rain.
22	29.757	0.153	80.6	76.3	94.2	73.5	137.3	71.9	0.850	81	170	S S W	73	0.32	Thunderstorm.
23	29.765	0.159	81.9	75.3	91.9	72.2	129.3	70.3	0.790	73	203	S W	60	0.63	Do.
24	29.785	0.136	82.7	76.7	92.1	76.7	137.6	75.3	0.839	75	145	S S E	80	...	Cloudy.
25	29.816	0.123	79.3	75.2	84.0	77.5	99.5	76.3	0.821	82	108	SW by S	83	0.01	Do.
26	29.812	0.138	82.1	76.9	93.5	76.5	138.9	73.6	0.857	78	162	S by W	40	...	Passing clouds.
27	29.838	0.189	82.6	75.5	91.7	76.5	140.4	75.5	0.788	71	169	South	60	...	Fine with passing clouds : lg.
28	29.812	0.135	82.5	75.6	93.3	77.5	137.8	76.3	0.793	71	186	West	63	...	Light clouds : lg.
29	29.804	0.097	81.6	75.9	93.2	75.9	143.8	73.7	0.820	76	160	SW by S	70	0.02	Clondy : lg.
30	29.825	0.106	80.5	75.3	97.1	76.6	141.7	74.1	0.808	77	175	South	80	0.01	Do. : do.
Mean	29.786	0.134	83.5	75.5	94.6	77.5	138.3	75.5	0.777	68	179	S S W	59	3.02	

Madras Meteorological Observations. 1873—October.

October 1873	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.808	0.125	81.4	75.9	95.2	78.1	139.3	75.7	0.822	77	145	S by W	67	0.18	Cloudy : thunderstorm at 2 p.m.
2	29.819	0.138	80.7	75.2	92.7	75.5	144.4	73.3	0.801	76	136	SW by S	60	...	Cloudy.
3	29.791	0.151	76.6	74.5	82.9	71.3	110.2	70.3	0.827	91	115	W S W	73	1.41	Heavy thunderstorm.
4	29.757	0.149	79.7	76.7	89.8	74.5	138.7	72.5	0.880	87	103	NW by W	40	0.24	Passing clouds : th. and lg.
5	29.764	0.131	81.3	77.1	88.1	75.0	131.5	73.5	0.875	82	119	E by S	70	0.91	Cloudy : showers.
6	29.804	0.132	81.7	77.6	88.3	75.4	139.1	73.7	0.893	83	104	E by N	53	0.29	Passing clouds : rain.
7	29.812	0.116	79.6	76.3	89.1	77.2	135.9	75.7	0.863	86	129	NW by W	70	0.24	Cloudy with rain.
8	29.787	0.106	76.6	74.8	78.1	76.5	91.7	75.0	0.839	92	195	N W	97	0.52	Overcast with rain.
9	29.782	0.113	75.6	74.0	77.9	74.5	114.8	73.3	0.820	93	168	N W	100	1.76	Overcast.
10	29.781	0.100	78.9	75.9	84.8	74.1	129.7	72.5	0.855	87	158	N N W	83	0.02	Cloudy.
11	29.782	0.152	81.4	76.8	87.6	75.3	137.9	73.3	0.861	81	123	S W	67	0.24	Passing clouds : rain.
12	29.766	0.136	80.4	76.9	91.7	74.6	140.0	72.4	0.879	85	121	W by S	77	0.89	Cloudy : th. and lg.
13	29.798	0.113	77.7	75.6	89.2	73.7	139.3	72.3	0.859	91	151	S S E	97	1.82	Overcast with rain : th. & lg.
14	29.841	0.116	77.6	74.9	87.7	74.5	136.7	72.7	0.830	88	103	W by N	97	1.14	Do. : do.
15	29.793	0.138	77.9	74.6	85.3	73.8	135.7	72.5	0.814	85	171	W N W	80	...	Cloudy.
16	29.784	0.108	78.3	74.1	83.0	75.5	126.6	73.4	0.787	81	258	N W	67	...	Cloudy : lg. S. E.
17	29.806	0.081	76.7	74.2	80.9	75.4	119.1	74.1	0.813	88	224	N W	93	0.09	Cloudy.
18	29.809	0.104	78.1	74.9	83.4	73.1	129.6	71.3	0.823	85	210	N W by N	90	0.02	Cloudy : lg. S. E.
19	29.782	0.144	79.7	74.8	86.5	74.6	134.6	71.4	0.798	78	141	NW by N	77	...	Cloudy.
20	29.767	0.121	77.4	74.1	85.5	73.7	128.6	71.4	0.800	85	177	W by N	87	0.11	Do.
21	29.799	0.113	79.5	75.7	86.2	75.1	131.6	72.6	0.839	84	132	South	50	...	Fine with passing clouds.
22	29.840	0.090	81.6	77.2	88.2	75.6	134.5	72.4	0.875	81	97	East	63	...	Passing clouds : lg.
23	29.839	0.122	76.7	74.7	83.8	75.6	132.6	73.0	0.834	91	72	NW by N	93	0.47	Cloudy with rain.
24	29.798	0.121	78.0	74.8	83.3	75.4	137.8	73.4	0.820	85	202	NW by N	87	0.21	Cloudy.
25	29.808	0.080	79.6	75.6	85.9	75.6	139.6	73.4	0.833	82	129	W N W	73	0.04	Cloudy : lg. S. W.
26	29.843	0.123	79.6	76.4	89.9	74.9	134.5	72.2	0.868	86	102	NW by W	60	0.01	Passing clouds.
27	29.831	0.129	79.8	76.0	90.1	74.9	138.6	72.6	0.848	83	74	NE by N	57	...	Light passing clouds : lg. S. W.
28	29.859	0.102	79.3	76.4	85.4	77.1	100.0	73.4	0.871	87	83	S W	73	...	Cloudy.
29	29.914	0.094	79.6	75.6	88.8	75.2	142.3	71.4	0.833	82	83	N N E	57	...	Passing clouds.
30	29.937	0.111	79.0	74.0	89.5	73.6	138.7	69.8	0.774	78	115	NE by E	60	...	Light passing clouds.
31	29.936	0.117	77.5	70.2	87.6	70.6	132.8	65.3	0.642	68	130	N by W	27	...	Fine with light clouds.
Mean	29.814	0.119	79.0	75.3	86.7	74.8	131.2	72.6	0.831	84	138	NW by W	72	10.61	

Madras Meteorological Observations. 1873—November.

November 1873	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city.	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.917	0.129	77.0	67.2	89.2	65.7	133.8	59.3	0.537	58	132	N N W	43	...	Fine with light clouds.
2	29.907	0.120	75.9	66.1	87.6	66.2	136.6	59.6	0.511	57	131	NW by W	50	...	Light clouds.
3	29.897	0.118	76.6	66.4	86.2	64.0	134.8	57.3	0.513	56	125	N W	73	...	Cloudy.
4	29.929	0.105	78.2	69.0	88.6	68.2	132.7	64.3	0.587	61	94	SW by W	73	0.05	Do.
5	29.992	0.101	77.1	72.2	84.3	73.1	121.2	69.3	0.725	77	83	S E	57	...	Cloudy day : fine night.
6	30.000	0.112	77.6	72.5	88.5	69.1	136.6	63.3	0.732	78	123	NE by E	53	...	Fine with passing clouds.
7	29.981	0.129	78.3	74.5	86.6	72.6	136.4	68.2	0.804	83	114	N by E	60	0.12	Passing clouds.
8	29.985	0.116	79.5	74.5	87.5	71.5	134.0	67.1	0.788	78	92	NE by N	20	...	Fine with light clouds.
9	29.980	0.112	80.7	75.9	89.2	74.4	140.8	71.3	0.831	79	158	N N E	43	0.01	Fine with passing clouds.
10	29.990	0.093	81.0	75.7	89.4	75.2	138.8	72.3	0.818	77	199	N N E	43	0.04	Passing clouds.
11	29.997	0.114	80.6	73.9	88.4	74.2	136.6	70.3	0.747	71	256	N N E	43	...	Fine with passing clouds.
12	29.991	0.089	79.1	74.3	87.8	74.2	137.5	71.1	0.785	79	188	N E	82	...	Cloudy : lg.
13	29.997	0.126	76.4	73.6	80.6	73.2	99.7	69.3	0.792	87	121	N N E	70	1.13	Cloudy : rain : lg. N.E.
14	29.971	0.112	76.8	74.1	85.3	73.0	137.7	70.7	0.808	87	164	North	93	1.58	Overcast : rain.
15	29.987	0.089	79.1	74.8	85.4	75.2	137.6	72.3	0.806	81	260	N N E	80	0.09	Cloudy : lg. S.
16	30.041	0.100	79.7	72.7	86.9	75.2	134.9	71.2	0.711	70	265	N N E	50	...	Fine with passing clouds.
17	30.018	0.140	79.5	72.0	86.3	75.4	132.9	71.4	0.685	68	298	N by E	35	...	Passing clouds.
18	30.000	0.134	78.1	70.6	85.7	70.4	132.8	66.2	0.649	68	230	N by E	50	...	Light passing clouds.
19	29.989	0.128	78.5	71.0	84.8	71.7	129.9	67.3	0.659	68	300	N by E	50	...	Passing clouds.
20	29.979	0.125	79.6	72.7	86.4	77.3	137.6	74.7	0.712	70	356	N by E	67	...	Cloudy.
21	29.975	0.122	73.6	72.0	79.1	72.4	122.8	71.0	0.765	93	239	N by W	87	1.35	Cloudy with rain.
22	29.974	0.122	75.5	72.5	81.5	69.9	129.9	69.1	0.760	86	184	N N W	77	2.40	Do.
23	29.982	0.098	75.4	71.7	83.4	71.3	126.5	70.5	0.728	83	262	N by E	67	0.41	Cloudy day : fine night.
24	29.948	0.121	76.1	71.5	82.7	70.6	132.9	67.5	0.712	79	249	North	50	0.01	Passing clouds.
25	29.942	0.102	76.3	72.7	80.9	74.0	102.9	71.0	0.757	84	225	N N E	87	0.12	Cloudy.
26	29.910	0.091	74.8	73.8	79.9	72.2	120.9	69.5	0.822	95	149	N N W	90	0.74	Cloudy with rain.
27	29.872	0.110	74.0	72.2	76.5	71.4	96.8	70.0	0.767	91	300	N N W	100	1.19	Overcast with rain.
28	29.838	0.137	72.0	70.3	75.3	68.8	109.9	67.5	0.720	92	318	N N W	97	3.02	Do.
29	29.857	0.090	73.8	71.4	77.5	71.4	107.0	69.2	0.738	88	300	NW by N	93	0.90	Cloudy with rain.
30	29.916	0.109	74.4	72.2	78.8	72.1	124.4	70.8	0.762	89	266	N N W	90	0.35	Do.
Mean	29.959	0.113	77.2	72.1	84.3	71.8	127.9	68.4	0.724	78	206	North	66	13.51	

Madras Meteorological Observations. 1873—December.

December 1873	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.917	0.107	73.4	72.4	74.1	72.9	79.2	72.3	0.784	95	136	N by E	98	6.57	Overcast with heavy rain.
2	29.897	0.111	75.8	74.1	78.7	72.6	99.8	70.8	0.821	92	124	N by W	93	1.58	Cloudy with rain.
3	29.911	0.109	76.4	74.1	79.4	74.3	97.6	72.2	0.813	90	143	N by W	97	0.20	Overcast.
4	29.887	0.091	77.0	73.2	80.5	75.5	121.7	73.4	0.768	83	227	N by W	83	...	Cloudy.
5	29.887	0.095	77.5	73.4	83.7	72.5	134.7	68.9	0.769	82	160	N N W	50	...	Passing clouds.
6	29.926	0.117	78.7	74.4	86.7	72.7	137.3	69.6	0.796	81	83	W by S	43	...	Do.
7	29.930	0.114	78.4	74.8	87.7	74.6	133.8	70.6	0.815	84	85	S by E	17	...	Fine.
8	29.993	0.118	78.3	74.1	84.6	73.5	137.6	69.4	0.787	81	71	E by S	23	...	Fine with passing clouds.
9	30.027	0.114	77.3	73.6	85.7	71.7	133.8	67.4	0.781	83	65	East	23	...	Passing clouds.
10	30.047	0.120	77.3	73.6	84.8	71.9	133.5	67.4	0.781	83	71	East	25	...	Fine with passing clouds.
11	30.047	0.095	76.8	72.4	85.6	70.5	135.9	65.4	0.738	79	102	E N E	27	...	Do.
12	30.040	0.121	77.1	72.7	85.3	69.6	132.5	64.4	0.746	80	137	N N E	57	...	Passing clouds.
13	30.019	0.126	77.7	73.1	85.4	72.7	132.1	68.6	0.755	80	206	N N E	43	...	Do.
14	29.991	0.121	77.2	73.1	85.0	72.8	131.4	69.0	0.761	82	181	N by E	37	...	Fine with passing clouds.
15	30.006	0.102	78.1	72.7	86.0	72.7	134.4	68.6	0.732	77	236	N N E	47	...	Passing clouds.
16	30.033	0.129	77.3	70.9	84.2	70.9	130.2	65.5	0.671	72	275	N by E	40	0.01	Fine with passing clouds.
17	30.035	0.100	76.3	72.9	84.8	72.1	133.6	71.3	0.764	84	198	N N E	80	0.46	Cloudy with rain.
18	29.998	0.136	77.0	72.8	84.4	70.1	133.0	69.6	0.752	81	193	N N E	60	0.61	Passing clouds: rain.
19	29.967	0.129	76.3	71.6	84.8	70.2	132.8	65.7	0.713	78	143	N N E	40	...	Fine with passing clouds.
20	29.964	0.107	75.2	69.1	84.4	67.4	133.9	62.8	0.631	72	141	N by E	20	...	Fine with light clouds.
21	30.001	0.105	75.1	69.8	85.2	68.4	135.0	64.5	0.659	76	202	N by E	27	...	Fine with passing clouds.
22	30.016	0.099	75.3	68.5	82.4	73.7	131.4	69.7	0.607	70	261	North	43	...	Do.
23	29.980	0.126	75.5	67.9	82.5	68.7	129.6	63.7	0.583	66	283	N by E	20	...	Fine with light clouds.
24	29.970	0.125	74.7	67.6	83.5	66.3	129.6	61.4	0.582	68	216	N by E	17	...	Fine.
25	29.994	0.101	72.5	66.0	82.3	65.4	128.7	59.5	0.554	69	183	N by E	10	...	Do.
26	29.992	0.108	70.7	65.3	82.3	62.4	133.8	56.3	0.553	73	134	North	27	...	Do.
27	29.958	0.123	71.1	66.1	81.4	62.8	130.0	56.5	0.576	76	148	North	17	...	Do.
28	29.951	0.126	71.5	66.5	83.2	64.2	130.8	58.3	0.585	76	117	North	17	...	Do.
29	29.970	0.114	70.8	65.1	84.8	61.2	131.4	53.9	0.545	72	111	N N E	10	...	Do.
30	29.994	0.091	71.8	66.9	82.7	63.6	129.4	57.3	0.595	76	76	N E	30	...	Fine with passing clouds.
31	29.988	0.117	72.6	67.6	83.3	64.4	132.8	57.7	0.609	76	102	NE by N	27	...	Passing clouds.
Mean	29.979	0.113	75.5	70.8	83.5	69.8	128.4	65.5	0.698	79	155	N by E	40	9.43	

Madras Mean Monthly and Annual Meteorological Results in 1873.

	Barometer		Dry Bulb Thermometer				Wet Bulb		Tension of Vapour	Relative Humidity	Maximum Sun	Minimum on Grass	Wind		Rain		Clear Sky	
	Reduced to 32°	Daily Range	Mean	Max.	Min.	Range	Mean	Min.	By Blanford's Tables	Cents	°	°	Daily Velocity	Mean Direction	Amount	Days		
Inches	Inches	°	°	°	°	°	°	°	Inches	Cents	°	°	Miles	Points	Points	Inches	No.	Cents
January	29.971	0.121	73.9	84.7	65.8	18.9	68.1	64.3	0.613	73	133.3	58.8	120	6	E N E	0.01	1	67
February	29.951	0.123	77.1	85.7	70.8	14.9	72.0	69.2	0.720	77	127.8	65.6	134	7	E by N	6.28	4	63
March	29.912	0.133	78.9	88.2	70.7	17.5	72.3	69.0	0.707	71	134.3	65.5	143	11	S E by E	...	...	82
April	29.800	0.134	83.8	93.2	78.0	15.2	77.3	74.9	0.853	74	137.4	75.6	207	12	S E	1.37	2	71
May	29.760	0.122	85.2	94.8	79.0	15.8	77.6	75.5	0.845	70	136.9	76.3	212	13	S E by S	0.02	1	75
June	29.677	0.121	87.4	101.6	81.4	20.2	75.6	72.4	0.730	56	137.8	79.3	238	20	S W	1.96	11	34
July	29.711	0.132	86.2	98.5	79.7	18.8	74.7	71.6	0.707	57	135.3	77.2	227	20	S W	2.23	11	26
August	29.753	0.126	83.6	94.1	77.8	16.3	75.4	72.9	0.772	67	134.7	75.8	176	19	S W by S	3.39	13	37
September	29.786	0.134	83.5	94.6	77.5	17.1	75.5	72.4	0.777	68	138.3	75.5	179	18	S S W	3.02	10	41
October	29.814	0.119	79.0	86.7	74.8	11.9	75.3	72.8	0.831	84	131.2	72.6	138	27	N W by W	10.61	20	28
November	29.959	0.113	77.2	84.3	71.8	12.5	72.1	69.4	0.724	78	127.9	68.4	206	0	North	13.51	17	34
December	29.979	0.113	75.5	83.5	69.8	13.7	70.8	68.1	0.698	79	128.4	65.5	155	1	N by E	9.43	6	60
Annual	29.839	0.125	80.9	90.8	74.8	16.1	73.9	71.0	0.748	71	133.6	71.3	178	13	S E by S	51.83	96	52

Madras Extreme Monthly Meteorological Records in 1873.

	Barometer				Dry Bulb Thermometer				Wet Bulb		Humidity		Sun Thermometer		Grass Thermometer		Wind		Rain		
	Highest		Lowest		Range		Lowest		Lowest		Lowest		Highest		Lowest		Highest		Lowest		
	Inches	Day	Inches	Day	Inches	Day	°	Day	°	Day	Cents	Day	°	Day	°	Day	Miles	Day	Miles	Day	
January ...	30.109	23	29.847	7	0.262	87.5	31	60.9	17	60.3	17	53	30	140.4	4	52.2	17	189	22	68	5
February ..	30.081	4	29.775	24	0.306	94.7	23	65.4	27	63.9	27	42	25	137.6	18	57.4	27	313	3	76	21
March ...	30.021	16	29.784	27	0.237	91.5	24	65.3	12	63.6	12	41	11	139.5	16	59.5	2	203	26	105	9
April	29.961	1	29.656	4	0.305	102.3	15	73.6	4	71.0	4	44	15	145.6	15	71.4	1	294	29	111	1
May	29.969	9	29.499	30	0.470	102.3	2	75.4	19	73.1	20	41	30	145.2	10	71.2	19	353	29	120	19
June	29.785	24	29.533	1	0.252	106.3	1	77.0	25	70.9	5	33	1	145.3	1	74.3	10	332	2	171	24
July	29.869	30	29.544	19	0.325	103.9	17	75.8	29	66.5	10	25	9	143.4	17	73.4	4	275	13	162	30
August ...	29.921	12	29.568	24	0.353	99.1	31	74.2	3	70.5	30	39	30	151.4	30	71.9	2	275	27	79	25
September ..	29.933	27	29.642	3	0.291	101.9	13	72.2	23	69.2	15	39	15	151.0	13	70.3	23	263	5	79	18
October ...	29.993	31	29.683	4	0.310	95.2	1	70.6	31	69.6	31	45	31	144.4	2	65.3	31	258	16	72	23
November ..	30.063	17	29.783	28	0.310	89.4	10	64.0	3	61.7	3	30	2	140.8	9	57.3	3	356	20	83	5
December ..	30.111	10	29.841	2	0.270	87.7	7	61.2	29	60.2	29	50	29	137.6	8	53.9	29	283	23	65	9

Madras Meteorological Observations. 1874—January.

January 1874	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.983	0.113	73.2	67.9	84.5	65.4	133.7	58.5	0.613	75	95	N N E	40	...	Passing clouds.
2	30.000	0.101	72.8	67.0	83.8	64.5	134.7	57.7	0.585	73	108	N N E	27	...	Fine with passing clouds.
3	30.019	0.104	71.0	65.3	82.7	61.9	129.5	55.2	0.550	72	87	N E	10	...	Fine.
4	30.038	0.098	74.0	65.9	83.3	65.4	134.1	58.0	0.530	63	130	NE by N	23	...	Fine with passing clouds.
5	30.037	0.092	76.1	68.7	85.1	68.1	135.0	62.3	0.604	67	252	N N E	43	...	Passing clouds.
6	30.042	0.082	77.7	69.2	85.0	72.6	129.8	68.5	0.601	63	284	N N E	30	...	Fine with passing clouds.
7	30.049	0.096	76.5	67.3	82.8	72.6	132.8	67.5	0.547	60	274	NE by N	43	...	Do.
8	30.058	0.093	76.8	66.9	83.4	72.6	133.2	67.5	0.529	57	245	NE by N	53	...	Passing clouds.
9	30.028	0.127	74.4	66.0	83.1	68.8	131.1	62.0	0.528	61	237	N N E	38	...	Fine with passing clouds.
10	30.035	0.110	73.9	65.7	83.1	63.6	135.5	58.0	0.524	62	203	N N E	43	...	Do.
11	30.025	0.132	73.8	66.7	84.9	68.5	139.6	62.7	0.563	67	168	N by E	23	...	Do.
12	30.007	0.122	71.5	65.5	83.6	63.5	128.5	57.7	0.550	71	130	N by E	27	...	Fine with light clouds.
13	29.990	0.123	73.2	66.1	83.2	66.6	131.7	60.5	0.548	67	79	N E	20	...	Fine.
14	30.008	0.131	69.8	63.9	81.9	59.8	129.1	51.8	0.516	70	60	NE by E	3	...	Do.
15	30.007	0.133	70.6	65.6	83.6	59.6	129.6	51.5	0.565	76	67	E by N	7	...	Do.
16	30.035	0.124	72.2	67.5	82.7	62.6	129.1	55.9	0.612	77	68	E by N	10	...	Do.
17	30.073	0.121	73.4	66.7	83.3	64.7	129.5	59.0	0.566	69	74	NE by E	10	...	Do.
18	30.102	0.110	75.2	68.0	84.3	65.8	134.0	60.3	0.590	67	186	N N E	20	...	Do.
19	30.100	0.118	74.5	66.9	84.7	65.3	132.9	58.3	0.560	66	193	NE by N	30	...	Fine with passing clouds.
20	30.080	0.122	74.3	67.5	85.2	64.5	132.4	58.8	0.585	69	147	NE by N	17	...	Fine.
21	30.055	0.135	74.4	67.9	85.0	63.5	131.1	56.6	0.597	70	131	N N E	5	...	Do.
22	30.033	0.136	75.6	70.7	85.4	67.1	133.7	61.7	0.687	77	141	NE by N	37	...	Fine with passing clouds.
23	30.000	0.143	77.2	72.1	84.1	70.4	129.3	65.9	0.721	77	137	E by N	30	...	Passing clouds.
24	29.967	0.135	76.0	70.1	84.0	69.5	135.3	63.8	0.658	73	90	E by N	23	...	Fine with passing clouds.
25	29.942	0.134	75.7	70.1	84.2	67.9	134.7	62.7	0.663	75	109	E S E	27	...	Do.
26	29.988	0.092	77.0	72.0	84.0	70.6	133.3	66.2	0.719	77	129	E S E	30	...	Do.
27	30.030	0.119	77.8	72.2	86.8	70.3	131.9	65.8	0.716	75	139	E N E	20	...	Do.
28	30.025	0.144	77.1	71.1	85.4	68.7	135.3	63.7	0.682	73	112	NE by E	33	...	Do.
29	29.988	0.129	76.1	70.9	85.2	69.1	133.1	63.9	0.678	76	103	E N E	10	...	Fine.
30	29.946	0.139	75.5	70.1	83.7	66.5	134.3	59.6	0.665	75	98	E by S	17	...	Do.
31	29.963	0.153	75.9	69.9	83.8	67.0	130.7	60.0	0.652	73	118	E S E	17	...	Do.
Mean	30.021	0.120	74.6	68.1	84.1	66.7	132.5	60.7	0.603	70	142	N E	25	Nil.	

Madras Meteorological Observations. 1874—February.

February 1874	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.995	0.127	75.3	70.0	84.0	67.0	134.0	61.8	0.664	76	93	E S E	37	...	Fine with passing clouds.
2	30.020	0.119	77.2	70.4	85.6	67.5	135.3	63.0	0.653	70	92	East	30	...	Passing clouds.
3	30.009	0.114	76.3	69.5	84.9	67.2	139.4	66.5	0.631	70	115	E N E	13	...	Fine.
4	29.996	0.114	76.7	70.5	85.1	67.8	136.8	64.4	0.665	72	86	East	30	...	Do.
5	29.960	0.146	75.7	70.1	85.5	68.7	133.7	64.3	0.663	75	81	E by S	10	...	Do.
6	29.933	0.130	76.6	70.6	85.6	66.6	131.9	61.6	0.669	73	145	E S E	10	...	Do.
7	29.927	0.100	77.3	71.7	86.5	68.6	136.0	61.1	0.703	75	103	SE by E	15	...	Fine with passing clouds.
8	29.958	0.103	77.3	71.4	88.0	68.5	133.4	63.7	0.690	73	80	E S E	10	...	Fine.
9	29.914	0.174	77.5	71.1	86.3	69.7	135.4	65.4	0.677	71	90	E S E	10	...	Do.
10	29.842	0.163	77.3	71.8	88.7	69.2	132.5	64.7	0.707	75	151	S E by S	10	...	Do.
11	29.876	0.105	78.0	70.8	89.3	69.4	132.7	63.9	0.658	69	160	S E	13	...	Do.
12	29.905	0.157	77.9	71.8	91.3	70.5	134.2	65.9	0.700	74	181	SE by S	10	...	Do.
13	29.904	0.134	78.3	73.1	89.3	70.7	135.0	61.3	0.746	77	183	SE by S	13	...	Do.
14	29.951	0.105	79.0	72.2	86.6	71.5	133.0	67.7	0.700	71	131	E S E	20	...	Do.
15	30.009	0.113	77.0	70.7	86.2	67.3	132.4	61.9	0.668	72	198	N E	23	...	Fine with passing clouds.
16	30.058	0.136	78.6	71.4	87.6	69.2	133.8	65.2	0.673	69	230	N E	27	...	Do.
17	30.047	0.111	79.1	71.2	86.7	75.3	135.5	72.5	0.659	66	295	N by E	87	...	Cloudy.
18	30.008	0.118	77.5	73.2	86.6	71.4	126.7	69.7	0.761	81	163	N by E	70	...	Cloudy day : fine night.
19	29.992	0.144	79.1	74.3	87.8	71.3	132.8	67.7	0.785	79	139	N E	30	...	Fine with passing clouds.
20	29.980	0.121	78.3	73.2	87.3	71.4	133.9	67.2	0.751	78	71	E by N	20	...	Fine.
21	29.942	0.124	77.7	72.5	86.5	70.1	132.3	65.7	0.730	77	93	E by S	10	...	Do.
22	29.946	0.117	76.1	68.4	86.3	67.1	131.3	62.7	0.592	65	88	E by S	3	...	Clear.
23	29.974	0.113	75.5	68.7	85.2	63.3	132.4	57.5	0.612	70	112	E S E	10	...	Fine.
24	29.963	0.133	76.7	69.2	86.0	63.3	131.9	63.9	0.614	67	106	East	10	...	Do.
25	29.949	0.135	74.6	68.0	85.1	63.1	130.3	58.0	0.598	70	88	E S E	0	...	Clear.
26	29.948	0.097	77.2	70.4	85.1	66.4	128.7	61.9	0.653	70	146	SE by E	13	...	Fine.
27	29.967	0.106	76.3	70.6	86.4	67.3	135.5	62.7	0.673	74	99	SE by E	23	...	Fine with passing clouds.
28	30.005	0.108	77.4	71.5	87.2	70.2	134.9	65.7	0.693	74	89	E by S	17	...	Fine.
Mean	29.964	0.124	77.2	71.0	86.7	68.7	133.4	64.3	0.678	73	129	E by S	21	Nil.	

Madras Meteorological Observations. 1874—March.

March 1874	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cnets	Inches	
1	30.003	0.123	77.1	71.9	87.9	68.4	137.8	62.9	0.712	76	78	E N E	40	...	Passing clouds.
2	29.961	0.160	76.7	71.9	87.0	67.7	132.3	62.7	0.719	78	86	E N E	7	...	Fine.
3	29.894	0.156	77.5	71.3	87.2	68.5	133.0	63.7	0.685	73	126	E S E	13	...	Do.
4	29.889	0.124	76.9	69.8	86.1	67.2	131.3	61.5	0.635	69	152	S E	10	...	Do.
5	29.930	0.095	77.0	69.0	86.0	66.3	132.9	61.3	0.603	65	141	S E	17	...	Do.
6	29.900	0.128	78.0	69.5	87.3	66.3	131.6	61.5	0.609	63	115	SE by E	7	...	Do.
7	29.861	0.130	78.9	71.4	87.2	69.4	137.5	64.5	0.669	68	186	SE by E	13	...	Do.
8	29.873	0.113	79.6	72.5	86.6	70.7	132.7	66.5	0.705	70	186	SE by E	13	...	Do.
9	29.877	0.105	79.7	73.9	87.1	71.5	138.4	67.5	0.760	75	181	SE by E	13	...	Do.
10	29.905	0.109	79.9	74.1	88.0	72.5	133.5	67.8	0.766	75	156	SE by E	17	...	Do.
11	29.959	0.098	78.6	72.1	87.1	70.5	134.0	65.7	0.702	72	129	E by S	13	...	Do.
12	29.958	0.112	79.4	72.2	87.3	71.5	133.4	68.3	0.694	69	136	E by N	17	...	Do.
13	29.922	0.137	78.6	71.4	88.3	69.5	133.2	64.5	0.673	69	108	East	13	...	Do.
14	29.888	0.121	77.3	71.7	88.0	67.5	133.9	62.8	0.702	75	96	E S E	7	...	Do.
15	29.885	0.121	79.3	72.6	89.3	70.5	134.0	66.3	0.712	72	106	E S E	17	...	Do.
16	29.901	0.138	79.4	71.5	87.9	70.2	133.5	65.6	0.667	66	126	E S E	17	...	Do.
17	29.869	0.144	79.5	72.7	88.5	69.2	132.8	65.0	0.714	71	189	SE by E	10	...	Do.
18	29.801	0.174	83.1	76.5	94.0	76.5	138.6	74.5	0.825	74	243	S S E	37	...	Fine day : cloudy evening : th.
19	29.806	0.127	83.2	76.9	93.8	76.5	143.4	73.6	0.841	74	210	SE by S	27	...	Fine with passing clouds.
20	29.823	0.126	82.3	75.8	93.2	76.0	138.0	73.8	0.805	73	224	S S E	20	...	Fine.
21	29.870	0.133	83.3	76.3	91.8	76.3	136.2	74.0	0.813	71	220	SE by S	13	...	Do.
22	29.848	0.157	83.6	76.5	92.9	75.9	136.2	71.9	0.818	72	220	S E	13	...	Do.
23	29.787	0.151	82.5	75.6	92.0	76.6	135.3	73.8	0.793	71	226	S E	17	...	Do.
24	29.780	0.127	82.5	76.5	90.8	76.4	133.0	74.4	0.833	75	250	SE by S	13	...	Do.
25	29.798	0.132	84.3	77.7	96.5	78.5	141.9	76.7	0.862	74	266	S S E	20	...	Fine : th.
26	29.821	0.123	83.4	78.4	91.2	78.6	136.1	76.6	0.906	79	275	SE by S	50	...	Light clouds : th.
27	29.865	0.129	83.2	77.3	91.0	78.7	134.7	77.0	0.858	75	217	S E	17	...	Fine.
28	29.872	0.149	82.2	75.7	90.5	74.7	138.3	71.6	0.802	73	179	SE by E	47	...	Fine with passing clouds.
29	29.876	0.135	82.4	75.4	92.6	74.5	137.1	70.6	0.787	71	175	S E	17	...	Fine.
30	29.885	0.128	83.4	77.2	91.5	77.6	135.1	75.7	0.851	74	203	S E	27	...	Fine with passing clouds.
31	29.858	0.163	84.1	77.5	96.6	77.7	139.0	75.8	0.856	73	225	S S E	27	...	Do.
Mean	29.876	0.131	80.5	74.0	89.8	72.6	135.4	69.0	0.754	72	175	SE by E	19	Nil.	

Madras Meteorological Observations. 1874—April.

April 1874	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.805	0.177	83.3	76.8	94.7	76.8	137.7	73.6	0.835	73	270	SE by S	13	...	Fine.
2	29.814	0.172	85.0	77.0	94.1	79.8	136.2	77.8	0.821	68	300	S S E	10	...	Do.
3	29.888	0.114	84.4	76.9	93.4	79.2	135.1	77.5	0.825	70	247	SE by S	10	...	Do.
4	29.926	0.121	81.6	74.4	89.0	74.8	134.1	69.9	0.755	70	178	S E	17	...	Fine with passing clouds.
5	29.839	0.151	82.6	75.0	95.0	73.8	138.4	69.8	0.767	69	188	SE by S	10	...	Fine.
6	29.851	0.127	82.8	75.5	91.9	74.7	134.2	70.6	0.785	70	204	S E	3	...	Clear.
7	29.891	0.113	81.3	74.5	88.7	74.4	130.8	70.4	0.763	72	162	SE by E	10	...	Do.
8	29.905	0.149	80.4	72.9	89.2	71.6	131.6	67.4	0.709	68	119	SE by E	7	...	Do.
9	29.866	0.160	80.2	73.4	89.9	69.7	134.8	64.8	0.733	71	164	S E	7	...	Fine.
10	29.890	0.123	82.1	76.0	90.0	73.3	132.8	69.6	0.817	75	188	S E	17	...	Do.
11	29.934	0.140	83.3	77.2	91.9	76.1	133.4	73.0	0.853	75	171	S E	20	...	Do.
12	29.917	0.143	83.0	76.2	92.1	75.6	134.8	71.6	0.813	72	191	SE by S	20	...	Do.
13	29.846	0.160	84.7	75.6	97.8	75.4	140.8	72.6	0.764	64	216	S by E	5	...	Clear.
14	29.769	0.170	85.0	76.4	99.8	76.4	138.1	74.6	0.795	66	246	S S E	7	...	Fine.
15	29.831	0.103	84.6	77.5	94.9	79.2	135.0	76.5	0.849	72	286	SE by S	7	...	Do.
16	29.909	0.122	83.7	77.2	92.1	76.5	132.1	73.4	0.847	73	174	SE by E	17	...	Do.
17	29.893	0.155	82.3	76.3	91.3	75.8	131.6	72.7	0.827	75	182	SE by E	13	...	Do.
18	29.829	0.152	83.5	77.7	90.8	75.6	130.5	71.7	0.873	76	231	S E	20	...	Do.
19	29.777	0.118	84.0	78.9	91.5	78.0	133.2	74.9	0.921	79	253	SE by S	17	...	Do.
20	29.803	0.127	84.8	79.0	92.2	80.7	132.8	78.9	0.914	76	244	SE by S	13	...	Do.
21	29.853	0.121	84.0	78.7	91.5	77.9	138.0	75.5	0.901	78	198	S E	33	...	Fine with passing clouds.
22	29.823	0.152	83.5	77.3	91.1	77.4	133.0	73.7	0.854	74	183	S E	33	...	Do.
23	29.780	0.148	82.8	77.3	91.7	75.7	135.4	72.6	0.864	77	192	S E	40	...	Do.
24	29.842	0.152	84.5	77.8	92.2	79.1	135.3	75.7	0.863	73	193	SE by E	40	...	Passing clouds.
25	29.847	0.143	84.9	77.6	93.4	78.5	135.1	75.7	0.849	71	202	S E	50	...	Do.
26	29.831	0.129	84.0	78.6	93.2	79.0	142.6	76.7	0.906	77	200	SE by S	60	...	Cloudy.
27	29.819	0.145	85.2	77.9	92.5	78.7	135.4	75.5	0.859	71	209	S E	30	...	Fine with passing clouds.
28	29.824	0.146	84.0	77.3	91.5	78.5	134.4	75.5	0.847	73	107	S E	80	...	Cloudy.
29	29.795	0.149	85.5	76.7	94.0	78.6	139.5	75.7	0.801	65	178	S E	50	...	Passing clouds.
30	29.773	0.136	85.8	78.4	93.9	80.4	136.4	78.5	0.873	70	189	S E	50	...	Do.
Mean	29.846	0.141	83.6	76.7	92.5	76.7	134.9	73.5	0.829	72	202	S E	24	Nil.	

Madras Meteorological Observations. 1874—May.

May 1874	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.796	0.122	86.0	78.4	93.3	80.2	135.3	77.3	0.871	70	177	S E	43	...	Passing clouds.
2	29.763	0.157	85.4	76.9	96.5	78.7	139.8	76.7	0.811	66	121	S E	60	...	Light passing clouds.
3	29.698	0.129	83.9	77.1	92.1	80.7	117.1	79.4	0.840	72	65	S E by E	98	...	Overcast and threatening : lg. E.
4	29.627	0.089	78.1	72.9	87.5	79.3	96.6	74.7	0.740	77	144	NW by W	100	0.91	Do. : do.
5	29.312	0.092	75.4	73.6	78.4	72.6	82.6	71.1	0.806	92	690	NW by N	100	6.18	Overcast : stormy : heavy rain.
6	29.543	0.040	74.4	71.7	80.5	73.4	116.2	71.8	0.742	87	444	E S E	98	0.13	A cyclone. *
7	29.702	0.071	77.5	72.0	84.7	79.8	129.6	69.8	0.712	75	246	S by E	63	0.02	Passing clouds.
8	29.727	0.110	81.8	74.9	88.6	76.0	131.0	74.7	0.774	71	161	S E by S	30	...	Fine with passing clouds.
9	29.761	0.084	82.2	76.6	90.5	77.8	132.7	76.1	0.842	77	179	S E	10	...	Fine.
10	29.768	0.151	83.5	77.8	89.6	78.5	132.2	77.4	0.877	76	243	SE by S	20	...	Do.
11	29.730	0.157	85.6	79.6	96.2	79.8	140.2	78.8	0.930	76	212	S S E	27	...	Fine with light clouds : lg. N. W.
12	29.731	0.125	85.6	76.4	101.3	80.8	146.8	80.5	0.787	64	162	S by W	27	...	Fine with passing clouds. th. : lg. N. W.
13	29.730	0.169	86.7	77.5	101.9	77.7	140.0	76.7	0.822	65	174	South	27	...	Fine with passing clouds : lg. N. W.
14	29.819	0.158	82.0	75.9	85.7	80.5	111.1	79.8	0.814	75	164	South	100	...	Overcast : th.
15	29.771	0.150	84.4	78.5	96.4	78.7	143.7	78.4	0.896	76	198	S S E	60	...	Passing clouds.
16	29.705	0.147	86.0	78.0	98.1	80.2	138.0	78.8	0.852	68	194	South	27	...	Fine with passing clouds.
17	29.697	0.118	85.5	78.1	97.2	80.3	140.5	78.4	0.863	70	209	S S E	15	...	Fine.
18	29.720	0.135	85.5	79.2	99.0	79.6	142.7	78.6	0.914	75	182	S by E	23	...	Fine with passing clouds.
19	29.707	0.106	86.0	77.8	101.5	80.6	142.3	79.7	0.843	68	183	S by W	13	...	Fine.
20	29.672	0.132	87.7	77.6	100.6	79.3	138.0	77.9	0.812	62	235	South	20	...	Do.
21	29.649	0.139	89.6	77.9	102.0	80.7	139.1	79.6	0.799	57	253	South	23	...	Fine with light clouds.
22	29.638	0.122	87.8	77.9	98.2	83.4	136.1	81.7	0.823	62	233	S S E	27	...	Do.
23	29.665	0.119	87.2	77.9	98.5	80.5	137.7	79.5	0.831	64	183	S by E	40	...	Fine with passing clouds.
24	29.675	0.149	89.6	75.3	100.8	80.6	140.7	78.7	0.685	49	228	S S W	43	...	Do.
25	29.709	0.158	86.4	77.4	98.6	81.7	142.0	80.9	0.819	65	213	S S W	63	0.72	Cloudy : th. lg. and rain.
26	29.702	0.125	85.0	78.1	98.8	78.2	131.9	76.7	0.870	72	204	South	40	...	Fine day : cloudy night.
27	29.708	0.131	85.6	77.8	99.4	80.8	137.8	79.7	0.849	69	233	South	50	...	Passing clouds.
28	29.700	0.127	86.1	77.3	101.1	79.3	137.0	77.8	0.819	65	194	S S W	73	...	Cloudy.
29	29.677	0.113	89.4	77.6	101.9	81.8	142.7	80.8	0.789	57	216	S by W	60	...	Passing clouds.
30	29.679	0.129	87.7	78.0	99.5	82.7	137.7	81.7	0.829	63	203	South	30	...	Fine with passing clouds.
31	29.708	0.085	87.6	77.5	102.2	82.4	138.0	80.8	0.809	62	228	S by E	37	...	Light passing clouds.
Mean	29.693	0.124	84.7	76.9	95.5	79.3	132.8	77.9	0.822	70	218	South	47	7.96	

* The cyclone commenced about 8 P.M. on the 4th. At midnight the wind was W. N. W. 10 miles per hour. At 2 A.M. on the 5th it was W. 18 miles per hour; 9 A.M. N.W. 25 miles and barometer at 29.40. The greatest force was attained at midnight when the velocity was 49 miles and the barometer (reduced) was 29.21. The lowest barometer was noted at 1 A.M. on the 6th and was 29.18. At 4.30 A.M. the wind was E. 25 miles an hour. 7.1 inches of rain fell between noon on the 4th and the evening of the 5th; between 7 A.M. and 8 A.M. of the 5th, 2.35 inches fell.

Madras Meteorological Observations. 1874—June.

June 1874	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.761	0.112	85.3	77.3	93.4	79.4	132.5	78.6	0.830	68	145	S by E	83	...	Cloudy: th. and lg. N. and N. W.
2	29.786	0.100	83.5	76.3	95.3	80.6	122.8	79.8	0.811	70	148	South	83	0.80	Cloudy: thunderstorm.
3	29.818	0.145	80.2	76.1	86.9	75.5	124.1	75.1	0.847	82	82	SE by E	80	0.23	Cloudy.
4	29.778	0.137	80.9	76.0	88.2	75.2	130.4	74.0	0.832	78	99	S S E	30	...	Passing clouds.
5	29.746	0.141	83.9	77.7	90.4	78.0	127.5	76.0	0.867	75	96	S E	30	...	Fine with passing clouds: lg. N. W.
6	29.745	0.139	82.4	76.5	96.8	75.7	133.0	73.8	0.834	75	101	S W	37	...	Fine with passing clouds: th. and lg.
7	29.787	0.136	77.7	75.0	84.5	72.7	102.9	71.3	0.833	88	51	West	77	0.64	Cloudy: thunderstorm.
8	29.755	0.135	79.3	75.5	92.1	73.4	127.7	72.0	0.833	83	88	SW by W	53	0.38	Passing clouds: rain.
9	29.718	0.146	82.8	77.2	92.8	76.5	129.9	74.8	0.860	77	89	W S W	53	...	Passing clouds.
10	29.701	0.128	83.6	77.1	93.1	77.4	123.8	75.4	0.844	73	79	SW by S	73	...	Cloudy.
11	29.651	0.141	86.7	76.5	97.5	80.6	127.9	79.3	0.776	61	139	S S W	60	...	Hazy.
12	29.617	0.121	86.0	78.5	98.9	78.7	133.4	76.9	0.875	70	165	South	53	...	Passing clouds.
13	29.622	0.096	83.7	77.0	95.7	78.8	132.2	76.6	0.838	73	167	South	67	1.07	Passing clouds: thunderstorm.
14	29.626	0.114	81.5	76.0	88.4	75.7	111.6	75.0	0.825	77	165	W S W	93	0.06	Cloudy.
15	29.618	0.113	83.3	73.7	90.6	77.5	120.7	75.9	0.704	62	220	S W	100	...	Overcast.
16	29.650	0.082	83.0	73.5	89.5	78.5	112.4	76.5	0.699	62	227	SW by S	90	...	Cloudy.
17	29.693	0.098	85.5	73.9	93.8	77.1	127.5	74.6	0.682	56	251	SW by S	67	...	Do.
18	29.712	0.127	86.2	73.8	95.8	78.3	132.3	76.7	0.668	53	258	SW by S	47	...	Passing clouds.
19	29.715	0.148	86.8	74.4	96.5	78.8	130.5	75.7	0.684	53	250	S W	40	...	Do.
20	29.705	0.143	87.5	74.5	97.9	79.9	134.1	77.5	0.650	52	223	SW by W	57	...	Do.
21	29.707	0.148	88.7	74.7	99.4	81.5	137.7	79.6	0.672	50	258	W S W	60	0.03	Do.
22	29.692	0.142	86.1	74.8	95.0	77.7	117.1	76.1	0.711	57	171	SW by W	70	0.04	Cloudy.
23	29.677	0.127	87.2	75.5	96.6	79.6	141.8	77.5	0.726	57	215	W S W	67	...	Passing clouds: lg. N.
24	29.698	0.141	88.8	74.5	99.6	80.7	136.9	79.4	0.662	49	257	SW by W	50	0.01	Passing clouds.
25	29.687	0.130	86.5	73.9	93.9	81.5	121.3	80.2	0.668	53	281	SW by S	73	...	Cloudy.
26	29.670	0.121	87.1	75.6	95.7	80.8	127.5	79.5	0.732	57	262	SW by S	57	...	Passing clouds.
27	29.714	0.119	85.1	74.5	95.0	77.7	132.3	76.1	0.713	59	241	S S W	67	0.05	Cloudy: a squall about 7 P.M.
28	29.761	0.094	80.3	74.8	96.7	76.3	139.6	73.3	0.789	76	177	S by W	60	0.38	Morning fine: afternoon rainy.
29	29.745	0.119	84.3	75.8	95.5	75.4	132.5	74.1	0.778	66	188	SW by S	63	0.07	Cloudy.
30	29.734	0.086	82.9	74.2	91.6	76.6	113.9	75.7	0.729	64	184	SW by S	83	...	Do.
Mean	29.710	0.124	84.2	75.5	93.9	77.9	127.3	76.2	0.767	66	176	SW by S	64	3.76	

Madras Meteorological Observations. 1874—July.

July 1874	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
	Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles				Points	Cents	Inches
1	29.749	0.103	83.3	74.9	93.4	78.3	122.8	76.5	0.753	65	138	S W	85	...	Cloudy.
2	29.741	0.090	83.9	75.4	95.9	78.3	125.0	76.6	0.767	65	168	S by W	57	...	Cloudy day : fine night.
3	29.737	0.118	83.3	76.2	93.6	77.6	120.6	76.1	0.809	71	142	S by W	60	...	Cloudy.
4	29.710	0.111	83.3	76.1	95.6	77.5	136.5	75.5	0.805	70	147	South	45	...	Passing clouds.
5	29.678	0.125	83.2	75.9	98.2	76.6	133.6	75.5	0.797	70	176	S by E	60	0.01	Passing clouds : lg. N. W.
6	29.703	0.095	80.0	74.7	89.6	72.7	110.8	72.5	0.790	77	135	SW by S	93	0.44	Cloudy : lg. W.
7	29.691	0.120	85.1	76.1	95.2	77.3	132.6	76.5	0.780	64	212	SW by S	53	...	Passing clouds : th. and lg. N. W.
8	29.762	0.094	82.0	75.3	94.1	76.8	134.0	74.9	0.788	72	157	S W	85	1.45	Cloudy : th. : rain.
9	29.768	0.123	82.2	75.9	91.9	75.2	130.0	74.5	0.811	74	140	SW by W	60	0.07	Passing clouds.
10	29.735	0.145	83.4	75.1	96.2	77.5	131.0	75.8	0.762	66	146	W by S	67	0.39	Cloudy : lg. : rain.
11	29.716	0.074	78.0	74.3	85.1	74.5	104.0	73.5	0.799	83	102	SW by S	100	0.22	Overcast : th. lg. and rain.
12	29.705	0.105	79.3	74.0	88.2	75.5	123.1	74.1	0.770	77	172	S by W	90	...	Cloudy.
13	29.761	0.105	79.5	74.3	85.4	75.3	109.4	74.3	0.779	77	152	S by W	93	...	Do.
14	29.748	0.093	81.3	74.4	91.1	76.4	133.0	74.7	0.760	71	154	S S W	50	...	Passing clouds.
15	29.715	0.137	82.7	75.4	94.3	77.3	135.1	74.5	0.783	70	161	S by W	30	...	Fine.
16	29.709	0.091	80.7	75.3	94.1	74.5	132.5	73.2	0.805	76	165	S S W	30	...	Fine : th. and lg.
17	29.714	0.099	80.9	75.4	95.6	73.6	136.1	71.8	0.807	76	193	S by E	60	0.03	Passing clouds : th. and lg.
18	29.739	0.125	79.3	75.0	85.1	73.5	126.9	72.3	0.812	81	127	W S W	97	2.34	Overcast with rain.
19	29.724	0.123	79.6	73.0	86.2	73.5	118.0	71.7	0.725	72	213	West	85	0.16	Do.
20	29.692	0.113	82.2	74.2	90.5	75.8	127.4	72.8	0.739	67	219	W S W	50	0.01	Passing clouds.
21	29.680	0.134	83.6	74.3	93.5	75.5	136.0	72.5	0.724	62	187	W S W	50	...	Do.
22	29.683	0.127	83.5	74.2	92.8	79.1	126.4	76.4	0.722	62	226	SW by W	67	...	Do.
23	29.702	0.093	83.2	74.6	89.9	78.2	100.9	76.5	0.742	65	242	SW by W	93	...	Cloudy.
24	29.696	0.136	84.1	74.3	91.3	78.5	127.5	77.5	0.717	61	225	SW by W	77	...	Do.
25	29.659	0.134	84.1	74.7	94.9	77.8	135.3	76.0	0.736	62	233	SW by W	63	0.02	Passing clouds.
26	29.667	0.112	84.8	75.3	96.4	78.0	133.6	75.6	0.750	62	219	SW by S	27	...	Fine : th. and lg.
27	29.708	0.095	84.3	75.4	98.0	77.5	137.1	75.3	0.761	64	173	S W	60	1.00	Cloudy : th. and lg.
28	29.769	0.117	83.2	76.2	91.5	76.1	131.9	75.2	0.810	71	148	SW by S	67	0.04	Cloudy.
29	29.747	0.124	84.5	75.8	92.6	78.3	130.3	76.6	0.775	65	213	S W	80	...	Do.
30	29.724	0.152	85.3	75.8	98.5	78.7	134.1	76.5	0.771	63	206	S W	43	...	Fine with passing clouds.
31	29.702	0.131	85.9	74.4	95.5	78.2	140.1	76.1	0.697	56	220	SW by W	60	...	Passing clouds.
Mean	29.717	0.114	82.6	75.0	92.7	76.6	127.6	74.9	0.769	69	178	S W	66	6.18	

Madras Meteorological Observations. 1874—August.

August 1874	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind					
	Mean	Range			Dry		Sun	Grass								
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion	Clouds	Rain	General Weather	
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points.	Cents.	Inches		
1	29.710	0.119	85.5	74.5	95.5	79.6	130.3	77.3	0.707	58	213	SW by W	70	0.06	Passing clouds : lg.	
2	29.724	0.116	84.4	73.9	91.8	79.5	130.4	75.5	0.696	59	236	S W	83	...	Cloudy.	
3	29.757	0.119	86.3	74.6	99.2	76.9	140.5	73.2	0.700	56	215	S W	50	...	Passing clouds.	
4	29.764	0.155	86.6	75.7	97.8	79.7	139.2	78.1	0.742	58	214	S W	57	...	Do.	
5	29.781	0.102	82.2	74.7	88.7	78.2	103.0	76.5	0.760	69	120	SW by S	90	...	Cloudy.	
6	29.849	0.085	78.2	74.2	80.9	75.7	104.4	72.7	0.793	82	129	W by S	90	0.21	Cloudy.	
7	29.812	0.132	81.4	75.6	92.5	75.5	141.0	73.5	0.809	76	143	S S W	70	0.12	Do.	
8	29.778	0.123	82.1	76.0	93.8	76.2	140.5	74.5	0.817	75	202	South	60	...	Passing clouds.	
9	29.722	0.133	80.3	74.6	92.2	77.5	129.7	75.5	0.781	75	166	S W	87	0.09	Cloudy.	
10	29.738	0.102	83.1	74.6	91.3	77.9	122.8	75.7	0.743	65	167	S W	87	0.04	Cloudy : th.	
11	29.709	0.165	81.1	75.1	95.5	75.1	138.5	73.3	0.792	74	149	SW by S	77	0.01	Cloudy.	
12	29.683	0.109	83.5	76.4	94.7	77.7	143.0	75.5	0.815	71	172	South	38	...	Fine with passing clouds.	
13	29.694	0.138	82.9	76.9	92.6	74.5	134.2	72.9	0.845	75	146	S by W	53	0.73	Passing clouds : rain.	
14	29.713	0.091	84.1	75.9	93.2	79.3	139.0	76.8	0.785	67	175	South	33	...	Fine with light clouds.	
15	29.728	0.121	84.4	76.8	96.1	76.8	136.0	74.2	0.821	70	164	S by W	57	0.02	Passing clouds.	
16	29.717	0.150	85.2	76.9	99.0	77.7	140.8	75.3	0.814	67	167	South	40	...	Do.	
17	29.745	0.113	83.0	76.0	97.0	76.8	141.8	76.0	0.804	71	185	S S W	57	0.06	Passing clouds : th. and lg.	
18	29.713	0.115	80.2	75.7	88.8	73.6	119.2	72.4	0.829	80	131	S S W	93	0.42	Cloudy.	
19	29.723	0.106	82.4	75.4	89.3	77.8	118.7	76.6	0.787	71	202	S S W	70	0.10	Cloudy : lg. S. W.	
20	29.790	0.109	81.1	74.1	94.0	75.6	130.8	74.2	0.750	71	178	S S W	80	0.02	Cloudy : th. and lg.	
21	29.797	0.115	85.1	75.1	97.1	76.6	136.4	74.1	0.738	61	176	S S W	53	0.02	Light passing clouds.	
22	29.812	0.109	83.5	76.1	94.8	77.6	134.8	75.8	0.802	69	175	South	70	...	Do.	
23	29.793	0.153	85.6	75.7	97.9	77.6	142.8	74.6	0.756	61	174	S by W	33	...	Passing clouds.	
24	29.767	0.160	85.9	76.3	98.6	80.6	140.6	79.0	0.779	63	175	S by W	37	...	Fine with light clouds.	
25	29.739	0.170	85.2	75.6	97.9	77.7	142.6	76.8	0.758	63	208	S by W	70	...	Passing clouds : lg. S. W.	
26	29.716	0.126	86.1	75.9	99.4	80.4	139.8	78.7	0.758	61	232	S S W	53	...	Passing clouds.	
27	29.744	0.136	86.4	75.4	98.0	78.6	139.2	76.1	0.733	58	199	SW by S	57	...	Do.	
28	29.776	0.111	84.5	75.8	97.3	78.6	146.6	76.6	0.775	65	202	S by E	50	...	Do.	
29	29.807	0.122	81.6	75.5	93.4	74.3	141.4	72.7	0.802	75	120	S by E	60	0.08	Do.	
30	29.791	0.099	83.9	76.0	95.8	76.8	147.2	74.2	0.792	68	150	S S E	33	...	Fine with passing clouds.	
31	29.743	0.140	83.8	75.9	93.4	75.9	143.1	74.0	0.790	68	163	S S E	47	0.70	Passing clouds : th. and lg.	
Mean	29.753	0.124	83.5	75.5	94.4	77.3	134.8	75.2	0.777	68	176	S S W	61	2.68		

Madras Meteorological Observations. 1874—September.

September 1874	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion.			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.752	0.113	81.3	75.3	88.5	72.5	120.7	71.6	0.798	74	157	W S W	77	0.17	Cloudy with rain.
2	29.798	0.119	81.0	76.7	87.2	74.5	140.7	73.6	0.862	81	74	S E	53	0.25	Passing clouds with rain.
3	29.767	0.165	83.1	77.7	92.8	76.1	136.4	74.4	0.878	77	123	S S E	60	...	Passing clouds : lg. N.
4	29.746	0.119	81.8	76.9	92.2	77.7	139.3	76.7	0.860	79	84	S by E	57	0.05	Passing clouds : lg. S.
5	29.742	0.139	81.5	77.9	88.6	76.5	131.6	75.6	0.909	85	80	S by E	60	0.86	Cloudy : rain.
6	29.731	0.109	81.4	77.7	90.1	77.3	137.7	76.1	0.901	84	76	South	57	0.01	Passing clouds.
7	29.693	0.142	83.0	77.3	92.7	73.6	132.9	72.6	0.861	76	166	W by S	43	0.23	Passing clouds : rain.
8	29.691	0.137	83.8	76.7	93.2	79.3	138.2	77.8	0.824	72	109	S W	77	...	Cloudy.
9	29.726	0.108	81.6	76.6	92.0	77.6	124.5	75.7	0.850	79	138	S S E	87	0.46	Passing clouds : rain.
10	29.777	0.095	78.6	74.7	88.1	72.1	128.7	71.6	0.808	82	170	W by S	58	1.55	Cloudy : lg. : rain.
11	29.792	0.138	80.2	76.1	91.3	77.5	139.8	75.6	0.817	82	125	S S W	77	0.06	Cloudy.
12	29.763	0.147	81.3	76.6	92.3	74.5	138.7	72.6	0.853	80	117	S by E	47	...	Fine with passing cls : th. & lg. N. W.
13	29.764	0.155	81.3	76.2	90.0	72.8	140.9	71.8	0.836	78	155	S by W	43	0.47	Passing clouds.
14	29.767	0.105	80.5	75.1	91.4	74.9	139.2	72.6	0.799	76	135	S by W	33	...	Fine with passing clouds : lg. W.
15	29.776	0.141	81.7	76.7	90.5	76.0	144.1	73.6	0.853	79	108	S by W	43	...	Passing clouds : lg. W.
16	29.786	0.120	82.6	76.4	92.5	74.5	138.8	72.5	0.827	74	168	South	37	0.07	Fine with p. clds. : th. : lg. W. & N. W.
17	29.781	0.125	80.6	75.8	92.7	75.6	141.2	73.6	0.828	79	118	South	53	0.09	Passing clouds : lg. W. and N.
18	29.733	0.154	83.8	76.3	93.5	75.8	133.0	73.7	0.807	69	140	S W	50	0.05	Passing clouds : lg.
19	29.721	0.116	83.2	76.6	93.6	76.6	138.0	73.7	0.828	73	116	S S W	60	...	Passing clouds.
20	29.739	0.148	81.0	75.8	86.4	76.5	105.8	73.8	0.822	78	121	W S W	93	0.01	Cloudy.
21	29.659	0.153	83.3	75.6	92.3	78.3	139.0	76.5	0.784	69	209	W S W	73	...	Do.
22	29.635	0.125	79.4	74.2	91.4	78.1	129.8	76.3	0.777	77	148	W by S	93	0.15	Do.
23	29.633	0.139	82.0	76.8	90.6	75.3	136.4	73.7	0.854	78	155	W S W	80	0.15	Do.
24	29.648	0.111	82.1	75.5	87.9	78.6	116.2	76.6	0.795	73	181	SW by W	93	...	Do.
25	29.662	0.131	83.8	75.7	92.9	77.3	135.3	74.5	0.781	68	225	SW by S	73	...	Do.
26	29.721	0.126	84.1	76.5	91.4	75.7	138.8	72.3	0.812	70	184	S S W	57	...	Passing clouds.
27	29.750	0.111	82.8	76.8	93.1	73.9	138.3	72.7	0.842	75	140	S S W	43	0.14	Passing clouds : thunderstorm.
28	29.773	0.142	79.5	75.5	88.3	74.5	122.6	72.5	0.830	82	147	SW by W	85	0.33	Cloudy : th. : lg. N. : rain.
29	29.792	0.125	80.7	74.8	88.7	74.5	126.5	72.5	0.783	74	203	S W	80	0.09	Cloudy.
30	29.781	0.135	84.0	76.0	93.7	76.5	142.1	73.8	0.791	68	129	W by S	70	...	Do.
Mean	29.737	0.130	81.8	76.2	91.0	75.8	133.8	74.0	0.830	76	140	SW by S	64	5.19	

Madras Meteorological Observations. 1874—October.

October 1874	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range	Dry	Wet	Dry		Sun	Grass	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
					Max.	Min.	Max.	Min.							
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.794	0.108	84.0	76.9	94.3	78.6	149.6	75.6	0.830	72	103	S W	63	...	Cloudy : lg. N.
2	29.826	0.107	79.7	75.3	94.9	77.3	148.0	73.4	0.819	80	121	SW by S	80	1.48	Cloudy : lg. S. W.
3	29.820	0.145	81.0	76.6	92.6	73.9	134.8	70.8	0.857	81	127	W S W	18	...	Fine.
4	29.793	0.135	81.3	75.2	94.3	77.6	138.8	74.8	0.794	74	133	W by N	35	0.13	Fine with passing clouds : th. and lg.
5	29.796	0.131	82.8	77.9	95.0	75.5	135.7	72.6	0.891	79	155	South	23	...	Fine : lg. W.
6	29.820	0.105	84.9	76.6	96.4	76.7	134.3	73.4	0.805	67	154	S W	13	...	Fine.
7	29.798	0.156	85.8	77.7	98.6	78.1	138.7	75.0	0.842	68	150	S by W	33	0.11	Passing clouds.
8	29.775	0.123	85.7	77.9	97.8	78.5	138.5	75.6	0.853	69	144	South	57	...	Do.
9	29.768	0.126	82.4	77.7	92.0	79.3	121.0	76.2	0.888	80	74	S W	93	...	Cloudy : lg. S. W.
10	29.793	0.136	80.7	76.3	85.4	77.3	100.6	74.4	0.848	80	32	W N W	77	...	Do. : do.
11	29.773	0.151	82.0	76.7	89.6	76.6	137.8	73.5	0.849	78	102	S by E	40	1.04	Passing clouds : rain.
12	29.760	0.162	82.2	76.6	87.8	79.0	132.8	75.2	0.842	77	156	SE by E	33	...	Fine with passing clouds.
13	29.757	0.131	82.1	77.0	88.9	76.8	135.6	73.3	0.861	79	74	S E	37	0.03	Passing clouds.
14	29.753	0.139	82.9	77.4	88.8	77.8	138.0	73.4	0.867	77	80	SE by E	53	...	Do.
15	29.765	0.148	83.5	78.2	93.5	77.8	138.4	74.2	0.895	78	114	SE by S	43	...	Fine with passing clouds : lg. W. & N.
16	29.768	0.139	81.5	77.3	88.9	74.2	132.7	72.4	0.881	82	93	SE by S	37	2.16	Passing clouds : rain : lg. W.
17	29.795	0.087	81.4	78.0	88.3	77.8	131.5	75.4	0.914	85	61	E by S	67	0.79	Cloudy : rain : lg. W. and N.
18	29.840	0.086	80.8	76.5	87.6	75.3	135.0	73.6	0.856	82	85	N N E	60	0.21	Passing clouds : rain.
19	29.844	0.125	81.8	77.2	89.1	76.6	136.3	73.6	0.873	81	98	N E	63	0.14	Do. : do.
20	29.829	0.085	77.8	75.1	83.0	76.6	100.1	73.4	0.836	88	46	North	97	0.88	Overcast : rain.
21	29.773	0.118	77.8	74.4	86.9	74.1	138.1	71.4	0.806	84	105	N W	80	0.05	Cloudy.
22	29.756	0.122	78.1	75.5	82.5	74.7	113.4	73.2	0.849	89	71	NW by W	87	0.18	Do.
23	29.736	0.129	74.6	72.9	76.1	73.2	78.7	72.5	0.787	92	196	N W	100	2.86	Overcast : rain.
24	29.660	0.136	75.5	74.0	80.9	73.6	120.4	73.4	0.821	93	241	N N W	93	7.47	Overcast : th. lg. and heavy rain.
25	29.603	0.098	74.6	73.3	76.8	73.6	89.4	74.0	0.804	94	299	W by N	93	3.41	Overcast : rain.
26	29.684	0.097	78.3	74.3	87.0	72.3	132.6	71.4	0.796	82	221	S W	87	0.28	Cloudy : th. lg. and rain.
27	29.787	0.083	80.7	75.1	87.2	75.8	133.4	72.4	0.797	76	152	SW by W	83	0.03	Cloudy : lg. E. to S.
28	29.857	0.113	81.9	77.8	90.5	76.6	132.0	73.7	0.899	83	108	SW by S	77	0.01	Cloudy : lg. S. W.
29	29.890	0.103	80.3	77.0	90.4	76.8	136.5	74.5	0.885	86	77	S S E	60	...	Passing clouds : lg. W.
30	29.897	0.122	80.6	75.4	90.4	74.6	137.7	71.5	0.811	77	53	E by S	27	...	Fine with passing clouds.
31	29.914	0.116	81.3	75.1	90.3	74.7	137.0	70.5	0.789	73	86	N E	10	...	Fine.
Mean	29.788	0.121	80.9	76.2	89.2	76.2	129.3	73.5	0.843	80	120	W S W	59	21.26	

Madras Meteorological Observations. 1874—November.

November 1874	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches.	Inches	°	°	°	°	°	°	Inches	Cents.	Miles	Points	Cents	Inches	
1	29.895	0.112	79.7	74.7	86.7	75.5	134.1	71.6	0.794	78	153	North	43	...	Passing clouds.
2	29.856	0.122	77.2	68.4	87.0	72.5	126.8	67.4	0.578	61	114	W N W	67	...	Hazy.
3	29.883	0.105	79.2	72.5	91.8	68.6	137.1	62.3	0.710	71	110	S by W	20	...	Fine.
4	29.943	0.112	80.5	74.8	86.3	74.3	135.3	69.5	0.786	75	102	E by S	43	0.09	Passing clouds.
5	29.946	0.106	79.3	74.9	88.4	73.5	136.1	69.6	0.807	80	88	NE by N	67	...	Cloudy.
6	29.899	0.125	79.2	75.2	87.1	74.9	136.3	72.9	0.822	82	148	North	77	0.45	Cloudy : rain.
7	29.881	0.142	79.3	75.6	85.9	74.5	132.9	71.8	0.838	84	131	N N W	73	...	Cloudy.
8	29.891	0.124	79.4	76.0	83.7	76.2	125.7	73.7	0.853	85	128	N by W	63	0.04	Do.
9	29.907	0.127	78.2	74.4	85.5	74.5	124.3	70.9	0.801	83	147	N N W	77	0.12	Do.
10	29.919	0.169	77.2	72.3	84.1	73.2	134.1	69.4	0.728	77	127	N N W	60	...	Passing clouds.
11	29.929	0.119	76.4	70.4	88.6	67.6	131.7	61.5	0.664	73	75	North	40	...	Light clouds.
12	29.949	0.119	77.5	71.7	86.9	71.0	135.7	65.7	0.700	74	84	N E	27	...	Fine with passing clouds.
13	29.984	0.122	77.2	70.1	86.3	69.3	133.7	63.4	0.643	69	96	N by W	0	...	Clear.
14	29.993	0.108	75.8	71.9	85.4	69.5	137.5	64.4	0.730	82	140	N N W	53	...	Passing clouds.
15	29.988	0.098	77.1	71.4	85.7	71.6	138.9	67.8	0.693	74	210	N N W	33	...	Fine with passing clouds.
16	29.984	0.094	77.0	71.5	85.7	72.7	139.8	67.5	0.699	75	224	N by W	63	0.01	Passing clouds.
17	29.994	0.114	78.8	73.7	87.0	72.8	144.8	71.6	0.765	78	120	N N E	57	0.14	Do.
18	29.954	0.141	77.9	74.1	84.8	73.1	136.6	71.5	0.793	83	147	North	63	1.53	Passing clouds : rain.
19	29.930	0.106	77.6	73.1	85.4	72.4	134.5	68.5	0.756	80	129	N by E	53	...	Passing clouds.
20	29.943	0.102	76.5	72.3	84.1	70.4	136.7	65.5	0.738	81	166	N N W	50	...	Do.
21	29.938	0.124	78.2	73.1	85.8	73.8	133.4	69.7	0.748	78	200	N N W	50	...	Do.
22	29.916	0.140	78.3	73.3	85.2	74.4	137.6	70.7	0.754	78	197	N N W	33	0.01	Do.
23	29.906	0.112	77.6	73.3	84.6	73.3	134.6	69.5	0.763	81	244	N N W	70	0.13	Do.
24	29.917	0.112	80.0	75.8	87.9	76.7	137.1	...	0.836	81	221	North	77	0.27	Cloudy with rain.
25	29.939	0.087	77.9	74.9	87.5	75.5	140.9	73.5	0.826	86	160	North	70	0.22	Cloudy.
26	29.952	0.097	76.4	73.8	81.7	74.7	94.9	72.8	0.801	88	123	N N E	97	3.45	Overcast with rain.
27	29.970	0.098	76.0	73.4	83.6	71.3	140.0	70.5	0.790	88	113	N by E	83	1.30	Cloudy with rain.
28	29.942	0.132	78.4	74.8	85.0	72.6	135.4	70.6	0.815	84	201	NE by N	67	1.88	Cloudy.
29	29.972	0.089	75.7	72.0	82.8	70.8	132.6	69.7	0.736	83	166	N N E	97	0.66	Overcast with rain.
30	29.972	0.111	77.2	71.4	83.4	73.3	133.3	69.5	0.692	74	231	North	50	...	Passing clouds.
Mean	29.936	0.116	77.9	73.2	85.8	72.8	133.7	69.1	0.755	79	150	North	57	10.30	

Madras Meteorological Observations. 1874—December.

December 1874	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	30.003	0.107	75.7	70.2	81.4	70.7	133.2	66.7	0.666	75	162	N by W	60	...	Passing clouds.
2	30.014	0.112	75.6	70.1	83.5	69.7	132.8	64.7	0.664	75	205	North	40	...	Do.
3	30.029	0.106	75.7	69.4	83.6	69.8	133.7	65.3	0.636	71	220	N by W	23	...	Fine with passing clouds.
4	30.039	0.116	75.3	67.4	83.5	67.5	135.1	61.7	0.566	64	222	North	33	...	Do.
5	30.034	0.119	75.3	67.8	83.6	68.5	132.6	61.5	0.581	66	213	North	23	...	Do.
6	30.035	0.123	75.3	68.2	83.9	67.8	133.7	61.8	0.596	68	217	North	30	...	Do.
7	30.012	0.125	75.0	67.5	83.8	68.2	133.8	63.7	0.575	66	200	North	37	...	Do.
8	29.976	0.136	74.3	68.3	80.5	69.5	129.2	65.0	0.613	72	246	N N W	70	...	Cloudy.
9	29.925	0.131	74.5	69.5	78.9	70.6	113.7	70.1	0.656	77	281	NW by N	97	...	Overcast.
10	29.850	0.136	75.0	70.7	76.5	72.7	91.5	70.7	0.695	80	353	N W	100	0.03	Do.
11	29.816	0.094	71.7	70.8	73.7	70.7	90.0	70.7	0.743	95	418	N W	100	1.24	Overcast with rain.
12	29.861	0.103	73.0	70.8	74.2	71.7	76.5	71.7	0.725	89	527	N N E	100	2.98	Do.
13	29.967	0.083	75.2	72.6	79.4	73.3	118.5	71.2	0.768	88	227	E N E	87	0.77	Cloudy with rain.
14	29.904	0.112	76.7	73.7	83.4	72.5	121.4	70.2	0.793	86	148	NE by N	83	0.31	Do.
15	30.003	0.082	77.0	72.1	84.3	72.5	134.6	69.0	0.723	77	190	N N E	53	...	Passing clouds.
16	30.029	0.104	75.4	70.3	82.3	69.0	131.9	64.8	0.675	77	208	N by E	50	...	Do.
17	30.045	0.091	75.1	70.9	82.6	69.6	132.3	65.1	0.703	81	167	North	47	...	Fine with passing clouds.
18	30.027	0.120	73.8	69.2	82.1	68.8	134.7	64.5	0.654	79	143	North	40	...	Do.
19	30.000	0.116	73.6	66.9	81.8	64.5	129.2	59.4	0.572	69	213	N by E	27	...	Do.
20	30.016	0.116	73.9	67.3	81.2	66.1	129.9	61.1	0.582	70	217	North	20	...	Fine.
21	30.022	0.129	73.4	67.5	80.1	68.8	129.3	65.6	0.596	72	259	N by W	63	...	Passing clouds.
22	30.012	0.098	72.1	67.2	81.3	68.9	134.5	66.2	0.602	76	225	N by W	60	...	Do.
23	30.022	0.096	72.2	67.1	81.0	67.0	130.3	62.1	0.597	76	175	North	50	...	Do.
24	30.006	0.118	74.2	67.6	82.8	68.8	134.7	...	0.589	70	164	North	43	...	Do.
25	29.951	0.138	72.3	67.2	82.4	65.8	137.7	58.5	0.600	76	151	North	27	...	Fine with passing clouds.
26	29.938	0.093	71.9	68.2	81.7	62.8	130.0	55.5	0.642	82	117	N by E	67	...	Passing clouds.
27	29.951	0.101	74.2	71.3	80.4	69.5	116.4	65.0	0.749	88	126	N by E	90	0.08	Cloudy.
28	29.971	0.110	77.2	74.9	84.4	73.8	133.4	70.5	0.836	90	126	NE by N	53	0.13	Passing clouds.
29	29.991	0.119	78.1	73.8	85.3	73.0	132.8	68.8	0.777	81	146	N E	63	0.03	Do.
30	30.042	0.094	76.9	71.4	83.4	71.0	130.7	65.7	0.696	75	187	N by E	40	...	Do.
31	30.043	0.110	76.1	68.4	83.3	70.8	131.7	65.5	0.592	65	212	N by E	40	...	Do.
Mean	29.989	0.111	74.7	69.6	81.6	69.5	126.1	65.4	0.660	77	215	North	55	5.57	

Madras Mean Monthly and Annual Meteorological Results in 1874.

	Barometer		Dry Bulb Thermometer				Wet Bulb		Tension of Vapour		Relative Humidity		Sun		Wind		Rain		Clear Sky
	Reduced to 32°	Daily Range	Mean	Max.	Min.	Range	Mean	Min.	Inches	Cents	By Blandford's Tables	Maximum	Minimum on Grass	Daily Velocity	Mean Direction		Amount	Days	
															Points	Points			
	Inches	Inches	°	°	°	°	°	°	Inches	Cents		°	°	Miles	Points	Points	Inches	No.	Cents
January.....	30.021	0.120	74.6	84.1	66.7	17.4	68.1	64.3	0.603	70		132.5	60.7	142	4	N E	...	...	75
February.....	29.964	0.124	77.2	86.7	68.7	18.0	71.0	67.2	0.678	73		133.4	64.3	129	9	E by S	...	...	79
March.....	29.876	0.131	80.5	89.8	72.6	17.2	74.0	70.8	0.754	72		135.4	69.0	175	11	S E by E	...	...	81
April.....	29.846	0.141	83.6	92.5	76.7	15.8	76.7	74.2	0.829	72		134.9	73.5	202	12	S E	...	...	76
May.....	29.698	0.124	84.7	95.5	79.3	16.2	76.9	74.6	0.822	70		132.8	77.9	218	16	South	7.96	5	53
June.....	29.710	0.124	84.2	93.9	77.9	16.0	75.5	72.6	0.767	66		127.3	76.2	176	19	S W by S	3.76	12	36
July.....	29.717	0.114	82.6	92.7	76.6	16.1	75.0	72.2	0.769	69		127.6	74.9	178	20	S W	6.18	13	34
August.....	29.753	0.124	83.5	94.4	77.3	17.1	75.5	72.2	0.777	68		134.8	75.2	176	18	S S W	2.68	15	39
September.....	29.737	0.130	81.8	91.0	75.8	15.2	76.2	72.8	0.830	76		133.8	74.0	140	19	S W by S	5.19	19	36
October.....	29.788	0.121	80.9	89.2	76.2	13.0	76.2	73.8	0.843	80		129.3	73.5	120	22	W S W	21.26	18	41
November.....	29.936	0.116	77.9	85.8	72.8	13.0	73.2	70.7	0.755	79		133.7	69.1	150	0	North	10.30	15	43
December.....	29.989	0.111	74.7	81.6	69.5	12.1	69.6	67.1	0.660	77		126.1	65.4	215	0	North	5.57	8	45
Annual.....	29.836	0.123	80.5	89.8	74.2	15.6	74.0	71.0	0.757	73		131.8	71.1	168	12	S E	62.90	105	53

Madras Extreme Monthly Meteorological Records in 1874.

	Barometer			Dry Bulb Thermometer			Wet Bulb		Humidity		Sun Thermometer		Grass Thermometer		Wind		Rain	
	Highest	Lowest	Range	Highest	Lowest	Range	Highest	Lowest	Highest	Lowest	Highest	Lowest	Highest	Lowest	Highest	Lowest	Highest	Lowest
	Inches	Inches	Inches	°	°	°	°	°	Cents	Cents	°	°	°	°	Miles	Miles	Inches	Day
January.....	30.163	29.884	0.279	86.8	27	59.6	15	58.8	48	17	139.6	11	51.5	15	284	6	...	...
February.....	30.119	29.784	0.335	91.3	12	63.1	25	61.8	51	11	139.4	3	57.5	23	295	17	...	...
March.....	30.060	29.720	0.340	96.6	31	66.3	5	64.7	50	6	143.4	19	61.3	5	275	26	...	...
April.....	29.999	29.689	0.310	99.8	14	69.7	9	67.7	45	13	142.6	26	64.8	9	300	2	...	...
May.....	29.887	29.306	0.581	102.2	31	70.8	7	68.4	36	24	146.8	12	69.8	7	690	5	...	...
June.....	29.886	29.546	0.340	99.6	24	72.7	7	70.1	37	24	141.8	23	71.3	7	281	25	...	...
July.....	29.818	29.584	0.234	98.5	30	72.7	6	69.9	44	31	140.1	31	71.7	19	212	23	...	...
August.....	29.889	29.616	0.273	99.4	26	73.6	18	70.2	40	1	147.2	30	72.4	18	236	2	...	...
September.....	29.846	29.561	0.285	93.7	30	72.1	10	70.2	52	18	144.1	15	71.6	10	225	25	...	...
October.....	29.964	29.548	0.416	98.6	7	72.3	26	71.3	47	6	149.6	1	70.5	31	299	25	...	...
November.....	30.052	29.799	0.253	91.8	3	67.6	11	65.4	49	2	144.8	17	61.5	11	244	23	...	...
December.....	30.100	29.796	0.304	85.3	29	62.8	26	61.6	55	5	137.7	25	55.5	26	527	12	...	...

Madras Meteorological Observations, 1875—January.

January 1875	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	30.047	0.119	71.6	66.3	83.0	64.8	131.4	58.3	0.536	62	185	N by E	40	...	Passing clouds.
2	30.049	0.102	74.0	67.8	83.6	65.6	136.5	59.8	0.598	71	164	N by E	43	...	Fine with passing clouds.
3	30.023	0.134	74.5	67.5	82.8	67.1	134.5	62.8	0.581	68	207	North	20	...	Fine.
4	29.982	0.126	74.1	68.4	84.4	66.9	132.2	60.8	0.620	73	135	N by E	13	...	Do.
5	29.959	0.103	73.4	69.1	83.8	65.3	133.0	59.8	0.655	80	132	N by E	7	...	Do.
6	29.987	0.088	72.8	67.8	83.4	64.6	135.2	57.8	0.614	76	135	North	17	...	Do.
7	30.007	0.121	72.4	64.5	83.0	61.6	130.1	55.3	0.503	63	178	N by E	43	...	Fine with passing clouds.
8	29.967	0.121	75.2	64.9	83.5	69.6	135.6	62.8	0.479	55	173	NE by N	50	...	Do.
9	29.960	0.119	71.7	64.1	82.3	67.9	135.0	62.7	0.498	64	94	N by E	57	...	Passing clouds.
10	29.986	0.090	70.7	64.0	83.6	61.4	139.4	55.1	0.509	67	78	NE by N	43	...	Fine with passing clouds.
11	29.967	0.133	72.9	65.3	84.2	65.0	134.9	58.8	0.524	65	118	North	47	...	Do.
12	29.909	0.113	72.4	67.7	84.4	64.6	137.0	58.1	0.616	77	102	N by E	37	...	Do.
13	29.929	0.113	71.2	65.9	83.7	64.6	134.6	58.3	0.568	74	88	NE by N	27	...	Light clouds.
14	29.915	0.130	70.4	65.2	82.7	61.6	131.1	54.7	0.553	75	56	NE by E	17	...	Fine with light clouds.
15	29.894	0.133	71.8	66.4	84.4	62.9	132.0	56.2	0.577	73	43	E N E	20	...	Do.
16	29.880	0.125	74.0	67.4	84.9	62.8	131.0	55.9	0.582	70	72	E by S	7	...	Fine.
17	29.890	0.128	74.3	68.2	83.8	64.6	129.3	58.5	0.610	72	105	E S E	10	...	Do.
18	29.875	0.160	75.8	69.9	83.7	67.0	134.0	61.6	0.653	73	127	SE by E	23	...	Fine with passing clouds.
19	29.861	0.118	76.8	71.6	87.2	68.8	136.8	63.9	0.706	76	149	S E	27	...	Do.
20	29.856	0.114	77.3	72.6	87.9	70.4	137.4	65.6	0.739	79	100	SE by S	20	...	Fine.
21	29.856	0.133	78.0	72.5	85.5	71.0	134.8	65.9	0.725	75	116	E S E	37	...	Fine with passing clouds.
22	29.896	0.097	75.7	71.0	82.8	71.3	136.0	66.7	0.697	78	134	E S E	47	...	Passing clouds.
23	29.913	0.108	78.0	71.4	84.2	73.2	136.0	67.3	0.682	72	131	E by S	60	...	Do.
24	29.939	0.098	78.6	71.8	84.8	73.2	133.3	69.2	0.690	71	149	E S E	50	0.01	Do.
25	29.949	0.101	78.6	71.9	84.4	75.1	136.9	72.4	0.693	70	131	E by S	63	...	Do.
26	29.955	0.128	78.5	71.6	85.5	71.9	138.6	67.4	0.683	70	109	E by N	50	...	Do.
27	29.960	0.106	77.1	70.6	85.4	69.0	134.9	64.6	0.663	71	113	E N E	27	...	Fine with light clouds.
28	29.975	0.123	77.5	70.6	85.7	69.2	134.8	64.2	0.658	70	117	N E	33	...	Fine with passing clouds.
29	29.964	0.129	77.3	70.9	85.4	70.1	133.4	64.8	0.672	71	98	NE by E	23	...	Fine.
30	29.958	0.121	77.4	71.4	85.8	69.6	135.6	65.4	0.690	73	72	E by S	35	...	Fine with passing clouds.
31	29.972	0.110	78.8	73.6	87.6	71.6	139.6	67.5	0.760	77	128	E by N	43	...	Passing clouds.
Mean	29.945	0.118	75.0	68.8	84.4	67.5	134.7	62.0	0.624	71	121	NE by E	33	0.01	

Madras Meteorological Observations. 1875—February.

February 1875	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
	Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles				Points	Cents	Inches
1	29.992	0.116	79.6	72.9	85.7	76.2	133.3	72.5	0.720	71	245	N E	50	...	Passing clouds.
2	30.002	0.119	78.5	70.5	86.2	75.1	136.9	70.4	0.640	66	265	N E	40	...	Do.
3	30.040	0.112	76.1	66.8	84.0	70.8	131.3	64.4	0.534	59	233	N N E	37	...	Fine with passing clouds.
4	30.032	0.130	75.6	66.6	84.6	66.6	134.5	60.8	0.533	60	157	N N E	47	...	Do.
5	29.976	0.106	75.9	68.3	85.0	68.8	135.5	63.6	0.592	66	140	N by E	37	...	Passing clouds.
6	29.968	0.129	75.3	67.3	84.5	65.8	134.9	59.6	0.562	64	134	N by E	50	...	Do.
7	29.958	0.130	76.7	68.0	84.8	68.9	134.9	63.4	0.569	62	144	N N E	57	...	Do.
8	29.954	0.115	75.4	67.6	84.0	65.5	132.5	58.7	0.573	65	74	E N E	27	...	Fine.
9	29.940	0.124	73.9	67.4	83.5	64.0	131.1	57.4	0.585	70	80	East	17	...	Do.
10	29.944	0.105	73.5	68.3	83.8	65.9	128.9	60.2	0.624	75	71	E by S	37	...	Fine with passing clouds.
11	29.973	0.113	74.0	68.8	84.3	66.0	129.3	59.4	0.635	75	60	East	20	...	Fine.
12	29.975	0.130	75.6	69.2	84.6	66.6	132.5	60.5	0.627	71	101	E N E	47	...	Fine with passing clouds.
13	29.958	0.138	77.1	69.9	85.8	66.8	135.9	61.2	0.638	68	108	N E	43	...	Passing clouds.
14	29.967	0.131	77.2	70.0	87.7	69.4	139.4	64.3	0.638	68	135	N E	27	...	Fine with passing clouds.
15	29.958	0.139	76.0	68.5	85.9	66.9	133.6	61.5	0.598	67	73	E N E	30	...	Do.
16	29.937	0.124	77.1	71.5	86.3	67.9	132.5	63.3	0.698	75	85	E by N	13	...	Fine.
17	29.918	0.109	78.3	72.7	87.0	68.4	131.8	63.5	0.730	76	101	East	30	...	Fine with passing clouds.
18	29.932	0.111	77.8	71.9	88.0	68.8	132.3	62.5	0.703	74	96	E by N	13	...	Fine.
19	29.949	0.123	77.8	71.4	88.2	69.3	133.8	63.7	0.687	72	97	East	23	...	Fine with passing clouds.
20	29.964	0.124	77.9	71.1	86.1	68.8	133.2	63.4	0.672	70	93	E N E	30	...	Do.
21	29.971	0.128	77.0	69.4	86.9	68.3	137.0	62.7	0.618	67	119	NE by E	37	...	Do.
22	29.940	0.114	77.6	69.8	87.6	68.9	134.3	63.5	0.625	66	119	NE by E	27	...	Do.
23	29.912	0.117	75.7	67.6	86.0	66.7	134.7	60.9	0.569	64	110	NE by E	27	...	Do.
24	29.923	0.102	75.1	67.7	87.2	64.7	134.4	59.5	0.579	66	125	NE by E	30	...	Do.
25	29.959	0.114	76.3	68.7	86.3	65.4	138.8	59.5	0.601	67	122	E N E	20	...	Fine.
26	29.971	0.122	77.4	71.8	88.1	68.0	139.2	62.5	0.706	75	138	NE by E	50	...	Passing clouds.
27	29.927	0.162	77.0	71.5	89.0	69.1	140.2	63.8	0.699	75	127	N E	60	...	Hazy.
28	29.914	0.126	76.1	69.0	86.6	67.3	133.8	61.3	0.615	69	87	NE by E	27	...	Fine with light clouds.
					...										
					...										
					...										
Mean	29.959	0.122	76.5	69.4	86.0	68.0	134.3	62.4	0.628	69	123	NE by E	34	Nil.	

Madras Meteorological Observations. 1875—March.

March 1875	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.912	0.103	75.8	70.1	88.6	65.2	136.3	59.7	0.661	74	117	E N E	12	...	Fine.
2	29.936	0.090	76.3	71.4	86.5	67.6	133.4	61.5	0.704	77	117	E N E	10	...	Do.
3	29.943	0.138	76.8	71.0	87.5	67.4	134.8	61.8	0.682	74	131	E N E	20	...	Fine with light clouds.
4	29.951	0.127	77.6	71.6	86.9	67.7	132.8	62.7	0.695	74	120	NE by E	13	...	Fine.
5	30.005	0.113	78.0	72.1	87.0	68.8	133.5	64.7	0.709	74	125	E N E	27	...	Fine with passing clouds.
6	30.008	0.138	78.9	73.3	88.9	69.8	136.8	65.9	0.746	76	141	E N E	23	...	Do.
7	29.967	0.157	79.6	72.7	90.0	70.8	135.5	66.3	0.712	70	125	East	23	...	Do.
8	29.913	0.169	79.6	73.4	90.3	69.6	136.9	64.7	0.741	73	187	SE by S	20	...	Fine.
9	29.894	0.135	81.2	74.7	92.1	74.4	137.3	71.7	0.773	73	217	S S E	17	...	Do.
10	29.874	0.136	81.0	74.6	91.6	74.6	137.4	72.5	0.771	73	219	S S E	13	...	Do.
11	29.845	0.168	82.9	75.4	96.7	76.4	141.2	74.4	0.780	69	226	S by E	5	...	Clear.
12	29.796	0.166	82.5	76.8	94.3	75.6	139.5	73.5	0.844	77	218	S S E	5	...	Fine.
13	29.799	0.143	82.7	77.5	90.7	75.8	134.1	72.7	0.875	78	224	SE by S	13	...	Do.
14	29.855	0.128	82.5	76.9	90.1	76.7	134.1	74.7	0.851	77	216	SE by S	20	...	Fine with light clouds.
15	29.849	0.147	81.2	75.5	93.2	74.5	137.8	70.6	0.808	76	208	S S E	23	...	Do.
16	29.844	0.127	80.6	74.5	90.5	72.7	133.8	67.8	0.774	74	204	SE by S	10	...	Fine.
17	29.864	0.113	79.8	73.8	88.5	71.9	131.8	67.0	0.754	74	197	SE by S	10	...	Do.
18	29.894	0.127	78.9	72.7	87.5	70.0	132.2	65.7	0.722	73	171	S E	5	...	Do.
19	29.935	0.131	78.3	71.7	87.3	70.3	133.4	65.9	0.690	72	154	S E	13	...	Do.
20	29.937	0.145	80.2	73.7	88.4	71.5	132.7	66.8	0.745	72	170	S E	13	...	Do.
21	29.900	0.157	80.9	75.0	89.6	73.1	134.8	68.5	0.790	74	139	SE by S	23	...	Do.
22	29.875	0.133	80.7	74.8	88.6	72.1	133.8	67.5	0.782	74	149	SE by S	13	...	Do.
23.	29.843	0.125	81.3	75.5	89.7	73.0	132.2	69.0	0.808	76	230	SE by S	20	...	Do.
24	29.853	0.132	81.7	76.1	89.6	74.7	133.0	70.7	0.827	77	225	SE by S	30	...	Fine with passing clouds.
25	29.883	0.237	76.5	73.2	87.1	68.9	125.6	68.7	0.775	85	131	E by N	77	1.18	Cloudy; thunderstorm.
26	29.833	0.149	81.2	76.3	87.4	75.5	133.0	73.7	0.841	78	185	S E	63	...	Cloudy.
27	29.859	0.137	80.9	75.4	87.7	74.8	129.3	71.7	0.807	76	192	S E	50	...	Light clouds.
28	29.883	0.128	81.7	75.9	89.1	74.9	137.6	72.9	0.818	77	155	S E	60	...	Hazy.
29	29.895	0.131	82.0	76.0	91.1	76.1	136.8	73.7	0.818	75	128	S E	73	...	Cloudy.
30	29.872	0.152	82.6	76.6	89.5	74.9	134.2	72.6	0.836	75	156	S E	57	...	Hazy.
31	29.841	0.139	83.8	76.1	93.3	78.5	136.2	76.9	0.798	69	194	SE by S	60	...	Do.
Mean	29.889	0.139	80.2	74.3	89.7	72.5	134.6	68.9	0.772	75	173	SE by E	26	1.18	

Madras Meteorological Observations. 1875—April.

April 1875	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion.			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.850	0.129	81.2	77.4	86.1	77.2	106.3	75.0	0.890	84	123	SE by S	83	0.76	Cloudy: rain.
2	29.839	0.143	82.9	77.2	88.6	76.6	131.6	74.8	0.858	76	202	SE by S	63	...	Cloudy: lg: N. W.
3	29.871	0.118	83.4	77.6	88.8	78.5	133.1	76.3	0.870	76	196	SE by S	40	...	Fine with passing clouds: lg. N. W.
4	29.881	0.120	82.6	77.4	89.0	77.5	137.5	74.9	0.871	78	160	SE by E	47	...	Passing clouds.
5	29.856	0.145	82.9	76.9	90.2	76.9	133.9	74.7	0.845	75	154	SE by E	27	...	Fine.
6	29.842	0.111	82.0	76.0	88.7	75.1	130.2	72.6	0.818	75	146	S E	20	...	Do.
7	29.824	0.101	82.1	76.4	91.3	74.3	134.0	70.9	0.834	76	163	S E	27	...	Do.
8	29.800	0.138	82.7	76.4	91.2	76.9	133.0	73.9	0.826	74	156	S E	37	...	Fine with light clouds.
9	29.809	0.146	82.9	76.6	92.7	75.9	134.2	72.7	0.832	74	200	SE by S	27	...	Fine.
10	29.806	0.131	82.9	77.8	90.7	75.7	132.9	72.5	0.886	79	197	SE by S	17	...	Do.
11	29.813	0.129	82.7	77.4	90.4	76.3	133.6	72.7	0.870	78	180	SE by S	23	...	Fine with light clouds.
12	29.815	0.142	82.3	76.3	90.5	74.1	133.6	70.7	0.827	75	187	SE by S	13	...	Fine.
13	29.802	0.131	83.4	77.3	90.7	76.3	132.5	72.8	0.856	75	218	SE by S	17	...	Fine with light clouds.
14	29.823	0.126	82.0	76.7	90.1	74.1	132.6	71.8	0.849	78	198	SE by S	20	...	Do.
15	29.842	0.120	82.2	76.7	90.0	75.2	133.9	72.3	0.846	77	200	SE by S	13	...	Fine.
16	29.829	0.118	84.0	77.1	92.1	75.5	137.7	71.5	0.838	72	159	SE by S	37	...	Passing clouds.
17	29.777	0.170	83.7	76.4	92.6	76.7	138.5	72.7	0.812	70	162	S E	23	...	Fine with passing clouds.
18	29.760	0.146	83.5	75.2	95.6	74.6	138.1	71.5	0.764	66	159	SE by S	20	...	Fine.
19	29.818	0.082	83.2	78.2	92.4	76.0	132.1	73.5	0.899	79	97	E S E	77	...	Cloudy.
20	29.797	0.140	85.0	78.8	92.7	78.2	139.7	76.5	0.901	75	129	E by N	67	...	Passing clouds.
21	29.753	0.134	85.2	77.7	96.4	79.5	143.9	77.3	0.850	70	179	E N E	77	...	Cloudy.
22	29.732	0.121	84.3	75.7	95.4	75.8	147.5	75.5	0.776	67	197	N by E	53	...	Do.
23	29.725	0.134	85.1	77.2	94.0	77.8	136.6	75.5	0.828	68	161	N E	37	...	Fine with passing clouds: lg. W.
24	29.691	0.161	87.1	79.1	95.9	81.0	143.1	78.5	0.887	69	250	S S E	23	...	Fine with passing clouds.
25	29.666	0.143	88.8	77.8	104.3	81.8	144.9	80.5	0.804	59	309	Sonth	13	...	Fine.
26	29.668	0.161	89.0	77.2	108.9	82.3	144.9	80.7	0.776	55	288	Sonth	15	...	Fine: lg. S. W.
27	29.656	0.128	89.5	75.7	106.4	82.8	145.4	81.7	0.704	50	309	S S W	17	...	Do.: do.
28	29.680	0.138	88.7	76.3	103.3	80.8	144.5	79.2	0.740	54	289	Sonth	33	...	Fine with passing clouds.
29	29.728	0.120	88.1	78.3	100.0	81.6	141.1	80.4	0.838	62	311	S by E	30	...	Do.
30	29.768	0.147	87.1	78.8	94.3	81.8	134.9	80.5	0.873	68	335	S S E	13	...	Fine.
Mean	29.784	0.132	84.4	77.1	93.8	77.6	136.2	75.1	0.836	71	200	SE by S	34	0.76	

Madras Meteorological Observations. 1875—May.

May 1875	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.750	0.179	87.6	78.6	102.9	81.7	142.9	80.7	0.857	66	293	South	17	...	Fine.
2	29.746	0.137	87.9	77.7	99.0	81.7	141.2	79.8	0.813	62	242	S S E	13	...	Do.
3	29.767	0.146	88.9	78.5	101.4	81.4	143.9	80.3	0.835	61	216	S by E	43	...	Fine day : cloudy night : lg.
4	29.745	0.134	88.9	76.2	103.2	81.8	145.8	80.6	0.733	54	221	S by W	47	...	Passing clouds : th. : lg. S. and W.
5	29.688	0.163	87.1	76.4	104.5	79.4	143.9	77.6	0.766	59	232	South	30	...	Fine with passing clouds : lg. S.
6	29.667	0.136	88.6	76.2	105.7	79.8	147.2	78.6	0.737	54	268	S by W	25	...	Fine with passing clouds.
7	29.699	0.128	89.2	75.4	98.3	82.7	141.9	81.8	0.694	50	246	South	53	...	Passing clouds.
8	29.656	0.127	89.1	77.3	109.6	82.7	146.5	81.6	0.779	56	264	S by W	40	...	Fine with light clouds.
9	29.628	0.140	89.9	76.8	106.5	81.8	145.6	79.8	0.746	53	274	S by W	33	...	Fine with passing clouds.
10.	29.634	0.116	90.3	77.4	106.3	83.7	146.2	81.9	0.766	53	291	S by W	27	...	Do.
11	29.630	0.121	89.1	77.3	105.7	81.5	145.2	79.6	0.779	56	282	South	13	...	Fine.
12	29.704	0.093	87.0	76.0	94.4	82.2	132.9	81.6	0.750	58	245	S by E	50	...	Fine with light clouds.
13	29.771	0.127	84.8	79.4	90.6	81.0	130.6	80.3	0.932	77	327	SE by S	30	...	Fine with passing clouds.
14	29.866	0.125	81.5	74.5	88.9	75.2	131.2	73.6	0.761	71	161	S by W	80	0.03	Cloudy.
15	29.797	0.151	84.3	75.4	94.9	77.4	135.1	75.8	0.761	68	257	S S E	33	...	Passing clouds.
16	29.766	0.135	85.8	75.8	101.4	80.7	140.8	79.6	0.758	61	213	S by E	53	...	Passing clouds : th.
17	29.774	0.126	88.1	76.9	95.4	81.0	139.1	79.9	0.775	58	211	SE by S	30	...	Fine with passing clouds.
18	29.811	0.116	85.4	78.6	92.2	80.2	132.3	78.8	0.885	73	287	SE by S	20	...	Fine with light clouds.
19	29.808	0.111	84.9	77.8	92.5	79.4	132.0	77.7	0.859	72	246	SE by S	23	...	Do.
20	29.815	0.144	84.3	77.0	93.0	76.5	133.1	73.8	0.830	71	172	SE by S	20	...	Light clouds.
21	29.817	0.122	85.1	77.1	92.4	79.3	135.3	76.8	0.824	68	210	SE by S	20	...	Do.
22	29.813	0.144	86.4	77.1	93.5	80.5	135.2	78.8	0.806	64	251	S S E	17	...	Fine.
23	29.806	0.154	87.0	77.4	95.1	81.0	136.6	79.8	0.812	63	246	S S E	13	...	Do.
24	29.767	0.155	87.1	78.1	96.4	81.8	134.7	80.8	0.841	65	290	S by E	17	...	Do.
25	29.730	0.156	87.6	76.9	98.9	81.6	139.5	74.8	0.781	60	240	S S E	13	...	Do.
26	29.706	0.129	88.1	79.5	100.5	82.1	139.1	81.5	0.894	67	296	S by E	20	...	Fine with light clouds.
27	29.724	0.054	83.9	73.9	102.7	79.9	140.7	78.8	0.708	60	184	SW by S	63	0.04	Cloudy.
28	29.690	0.151	86.9	78.0	102.4	77.5	141.3	75.8	0.839	65	223	S by W	43	...	Fine with passing clouds : lg. S. W.
29	29.687	0.165	84.4	76.3	98.7	80.5	131.8	79.8	0.799	68	136	S W	90	...	Cloudy.
30	29.687	0.135	88.6	76.7	101.6	80.6	146.6	78.8	0.759	56	122	S S E	53	...	Passing clouds : th. and lg.
31	29.697	0.115	88.5	77.4	103.1	82.6	136.9	81.8	0.791	59	205	South	37	...	Fine with passing clouds.
Mean	29.737	0.133	87.0	77.0	99.1	80.6	139.2	79.1	0.796	62	236	S by E	34	0.07	

Madras Meteorological Observations. 1875—June.

June 1875	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.675	0.139	88.7	77.8	106.3	82.9	144.2	81.8	0.806	59	257	S S W	60	0.12	Cloudy : th. and lg.
2	29.661	0.146	87.7	77.4	104.3	82.0	141.6	80.2	0.802	61	191	S by W	70	...	Cloudy : th. and lg. N. W.
3	29.629	0.133	87.9	77.5	103.0	82.5	139.2	81.5	0.804	61	257	S by W	60	...	Passing clouds : th.
4	29.609	0.113	88.8	77.0	103.1	83.0	139.2	81.8	0.770	56	293	S by W	67	...	Passing clouds.
5	29.611	0.089	88.1	77.2	100.8	83.2	135.8	82.6	0.787	59	282	S by W	80	...	Cloudy.
6	29.630	0.100	87.7	77.5	98.3	84.3	135.5	83.4	0.808	61	280	S by E	60	...	Passing clouds.
7	29.629	0.107	86.9	79.0	98.9	82.8	134.7	82.1	0.885	69	280	S S E	57	...	Passing clouds : lg. N. W.
8	29.689	0.076	87.6	77.6	98.6	83.0	135.8	82.0	0.813	62	182	S S E	33	...	Fine with passing clouds : lg. N. to W.
9	29.716	0.117	88.8	76.9	98.4	82.2	135.8	81.4	0.765	56	186	SE by S	43	...	Passing clouds : lg. N. to W.
10	29.707	0.092	87.3	78.2	96.3	82.1	132.5	80.8	0.843	65	178	S S E	47	...	Fine with passing clouds : lg. W.
11	29.707	0.096	86.2	77.9	99.4	79.7	139.0	78.7	0.845	67	147	S by W	60	...	Passing clouds.
12	29.718	0.106	86.0	78.6	92.8	81.1	129.8	79.8	0.879	70	171	SE by S	63	...	Fine with light clouds : lg. W.
13	29.743	0.104	85.9	77.5	96.5	81.0	137.6	79.9	0.831	67	185	S by E	50	...	Fine with passing clouds.
14	29.721	0.148	85.0	76.8	98.3	79.6	145.0	78.2	0.812	67	175	S by W	70	0.12	Cloudy.
15	29.716	0.148	87.0	76.0	96.3	81.1	134.8	78.6	0.750	58	174	S S W	80	...	Do.
16	29.751	0.121	83.4	74.7	92.4	80.9	117.3	77.3	0.743	64	223	S W	87	0.33	Do.
17	29.755	0.103	81.7	73.9	89.5	74.4	117.3	73.5	0.733	68	182	S W	97	...	Overcast.
18	29.720	0.136	86.7	75.5	97.5	78.1	130.7	76.5	0.734	58	218	S W	87	...	Cloudy.
19	29.717	0.130	86.9	74.9	91.7	81.6	111.0	79.9	0.706	55	202	SW by S	90	...	Do.
20	29.692	0.144	89.0	75.2	99.9	81.2	138.7	79.5	0.689	50	233	S W	70	...	Do.
21	29.743	0.092	88.1	74.3	103.0	80.2	142.3	78.5	0.663	51	261	W S W	67	0.26	Passing clouds : rain.
22	29.761	0.108	87.5	74.9	98.1	77.8	131.2	76.6	0.698	54	243	W by S	63	...	Passing clouds.
23	29.749	0.124	90.3	72.5	102.5	81.1	137.2	78.8	0.560	39	292	W by S	77	...	Cloudy.
24	29.738	0.138	89.1	73.3	103.0	79.5	135.2	77.3	0.608	44	253	SW by W	47	...	Light clouds.
25	29.712	0.162	89.1	74.0	102.0	80.3	137.5	78.6	0.638	47	248	SW by S	57	...	Light passing clouds : lg. N. W.
26	29.672	0.145	89.5	74.9	102.6	81.1	141.2	78.6	0.670	48	301	SW by S	53	...	Passing clouds : lg. N. to W.
27	29.662	0.147	86.0	76.3	103.1	80.8	143.0	79.5	0.777	62	222	SW by S	53	0.03	Passing clouds.
28	29.708	0.099	88.7	74.6	97.6	82.8	124.7	80.4	0.668	50	244	SW by W	87	...	Do.
29	29.720	0.142	89.6	73.8	100.7	82.5	133.1	81.3	0.622	44	259	W by S	87	...	Do.
30	29.702	0.143	87.6	74.8	102.7	81.9	141.6	80.5	0.691	53	274	S W	53	...	Light passing clouds.
Mean	29.699	0.122	87.4	76.0	99.3	81.2	134.7	79.7	0.747	58	230	S S W	66	0.86	

Madras Meteorological Observations. 1875—July.

July 1875	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.668	0.133	87.5	75.4	104.2	82.1	140.6	80.6	0.718	55	241	SW by S	43	...	Fine with light clouds.
2	29.663	0.114	87.4	76.6	101.5	82.8	147.8	81.6	0.771	59	231	SW by S	57	...	Passing clouds.
3	29.696	0.113	89.7	76.4	101.3	83.6	140.0	82.0	0.731	52	285	S W	67	...	Do.
4	29.685	0.128	87.6	76.3	105.7	80.9	147.4	80.0	0.755	57	256	S S W	53	...	Do.
5	29.678	0.112	86.6	74.9	103.1	82.3	142.7	81.1	0.708	56	287	S W	53	0.11	Do.
6	29.708	0.119	85.8	75.2	100.6	78.8	137.2	76.4	0.733	59	229	SW by S	63	...	Do.
7	29.758	0.109	85.1	74.5	98.7	78.2	136.5	75.8	0.713	59	196	SW by S	63	...	Do.
8	29.761	0.127	83.5	74.6	92.9	80.6	125.7	79.5	0.738	64	124	W N W	93	0.01	Cloudy.
9	29.720	0.094	80.3	75.2	85.4	75.8	97.8	74.3	0.814	78	147	S W	97	0.44	Overcast: rain.
10	29.738	0.101	84.1	75.9	96.8	77.6	135.4	75.9	0.785	67	191	SW by S	87	0.03	Cloudy.
11	29.771	0.130	83.1	76.7	97.8	77.0	134.0	75.2	0.833	73	190	S S W	67	...	Passing clouds.
12	29.739	0.137	84.9	76.2	99.9	78.9	135.9	77.7	0.787	65	242	S S W	60	...	Light passing clouds.
13	29.740	0.110	85.0	75.4	97.8	80.4	130.4	79.4	0.752	62	195	S S W	80	0.08	Cloudy.
14	29.758	0.127	88.1	73.9	95.2	80.8	119.8	80.3	0.647	49	215	W by S	95	0.08	Do.
15	29.727	0.134	85.2	73.7	99.3	78.9	130.0	75.7	0.678	56	211	W S W	87	0.01	Do.
16	29.667	0.160	89.7	72.4	102.3	80.7	140.7	79.7	0.564	40	355	W by S	53	...	Passing clouds.
17	29.643	0.151	89.6	72.9	102.1	79.8	144.7	77.1	0.584	42	283	W S W	60	...	Do.
18	29.658	0.163	90.6	74.0	103.6	83.5	143.1	81.1	0.617	43	295	West	63	0.01	Do.
19	29.720	0.071	86.8	73.5	96.1	83.9	126.5	83.2	0.647	51	285	W by S	97	0.02	Overcast.
20	29.681	0.134	85.9	73.3	94.7	78.0	118.6	75.8	0.652	54	304	W S W	98	...	Do.
21	29.662	0.123	87.8	73.8	100.1	81.8	135.9	80.7	0.646	49	329	W S W	90	...	Cloudy.
22	29.670	0.128	90.0	73.4	101.3	82.4	142.8	81.7	0.601	43	341	W S W	85	...	Do.
23	29.660	0.153	90.3	73.9	100.5	82.4	128.1	81.5	0.616	43	278	W by S	80	...	Do.
24	29.682	0.116	88.6	73.0	96.4	82.7	128.7	81.2	0.603	45	297	W by S	85	...	Do.
25	29.686	0.134	88.0	73.6	100.1	82.9	127.9	82.1	0.636	47	315	W S W	73	...	Passing clouds.
26	29.695	0.125	89.2	73.8	102.6	81.0	145.0	79.7	0.626	47	283	W S W	73	...	Do.
27	29.757	0.087	85.5	74.9	103.7	80.7	151.3	78.7	0.723	59	219	SW by S	53	0.03	Do.
28	29.796	0.113	83.6	76.8	98.5	77.7	141.6	75.3	0.831	72	131	South	83	0.02	Cloudy: lg. S.
29	29.801	0.113	81.8	75.5	87.5	78.8	106.3	78.1	0.800	74	81	S by E	93	...	Cloudy.
30	29.741	0.122	85.2	77.1	99.5	79.2	143.1	77.5	0.823	68	151	South	60	...	Passing clouds: lg. S. W.
31	29.751	0.120	82.7	75.9	102.3	75.3	141.9	73.7	0.804	74	195	S S W	67	0.92	Passing clouds: thunderstorm.
Mean	29.712	0.123	86.4	74.8	99.1	80.3	134.4	78.8	0.708	57	238	S W	73	1.76	

Madras Meteorological Observations. 1875—August.

August 1875	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.820	0.091	81.3	76.2	91.6	72.8	128.0	70.7	0.836	78	184	S by W	53	0.53	Passing clouds.
2	29.843	0.109	81.7	75.8	88.2	74.8	129.9	73.2	0.813	75	148	S by E	47	...	Light passing clouds: lg. S. W.
3	29.805	0.124	82.5	76.4	93.0	77.2	125.3	76.7	0.829	75	146	S by E	83	...	Cloudy: lg. N. W.
4	29.790	0.131	79.1	74.7	93.6	73.6	131.8	71.8	0.801	80	156	S W	87	1.23	Cloudy: rain: th. & lg. E. W. & S.
5	29.764	0.137	83.4	75.4	93.7	74.7	131.4	72.8	0.773	67	176	SW by S	50	...	Light passing clouds: lg. S.W. & N.W.
6	29.774	0.112	81.1	75.3	92.6	75.8	135.9	74.3	0.800	75	175	W S W	87	0.07	Cloudy: lg. S.
7	29.750	0.121	81.4	74.9	94.5	76.5	133.9	73.8	0.777	73	161	SW by S	90	0.08	Cloudy: lg. S. W.
8	29.696	0.145	83.8	75.7	92.4	77.7	127.2	76.5	0.781	68	117	SW by S	87	...	Cloudy: th. and lg. S. W.
9	29.698	0.116	85.1	75.7	94.2	78.0	136.7	76.3	0.763	61	155	SW by S	70	...	Cloudy.
10	29.735	0.141	84.1	77.3	99.2	78.2	136.9	76.6	0.846	72	152	S by W	50	...	Passing clouds: lg. S. W.
11	29.732	0.156	81.4	76.2	91.5	75.8	138.2	73.5	0.835	78	232	SW by S	80	1.52	Cloudy: rain: lg.
12	29.749	0.106	80.4	75.0	90.3	73.8	133.7	73.0	0.796	76	237	SW by S	87	1.53	Cloudy: rain: lg. S. W.
13	29.749	0.128	83.2	76.4	94.0	76.2	135.9	74.9	0.819	72	167	S W	87	0.67	Do. : do.
14	29.725	0.147	81.7	74.9	93.4	76.0	133.6	74.9	0.774	72	191	SW by S	75	0.20	Cloudy: th. and lg. W.
15	29.741	0.121	82.5	75.2	95.2	75.8	133.1	73.9	0.777	70	151	S W	67	...	Cloudy: lg.
16	29.738	0.123	84.4	75.3	95.0	78.1	137.5	75.9	0.756	64	170	SW by W	80	...	Cloudy.
17	29.722	0.140	85.1	74.9	96.1	79.0	130.3	77.5	0.729	69	140	S W	57	...	Passing clouds.
18	29.701	0.139	84.6	76.0	94.2	78.8	139.7	76.8	0.783	66	164	S by W	27	...	Fine with light clouds.
19	29.725	0.082	85.3	77.0	96.6	79.6	143.1	75.8	0.817	68	178	South	52	...	Do.
20	29.755	0.107	84.8	76.3	96.0	77.5	143.5	76.3	0.791	66	185	South	40	...	Passing clouds.
21	29.741	0.122	85.2	77.0	98.8	79.5	142.5	77.0	0.818	67	170	S by W	37	...	Do.
22	29.763	0.128	84.2	75.0	96.5	77.5	139.8	76.1	0.745	63	211	S S W	50	...	Do.
23	29.754	0.113	84.8	75.8	98.3	78.7	145.0	76.9	0.771	64	187	South	30	...	Fine with light clouds: lg. S. W.
24	29.765	0.118	84.8	75.5	97.4	78.0	144.5	77.6	0.759	65	181	S by W	53	0.04	Passing clouds: lg. S. W.
25	29.799	0.164	79.4	73.1	87.4	74.4	126.9	72.0	0.731	73	289	W by S	87	0.43	Cloudy: rain: lg. S. W.
26	29.758	0.128	84.0	74.7	92.8	77.1	132.7	75.8	0.736	63	170	W S W	80	...	Cloudy: lg. W.
27	29.722	0.115	81.5	75.3	94.9	77.6	141.3	75.3	0.795	74	144	South	77	0.26	Cloudy: lg. S. W. and N.
28	29.697	0.137	78.9	74.1	84.4	72.4	115.5	70.6	0.779	79	139	SW by W	95	0.39	Cloudy: rain.
29	29.713	0.125	79.7	75.8	85.2	77.5	107.1	75.9	0.841	82	86	W by S	90	...	Cloudy.
30	29.746	0.119	82.6	76.0	91.4	75.0	134.8	73.5	0.810	73	134	S S W	60	0.09	Passing clouds: rain: lg. N. W.
31	28.759	0.123	85.3	76.1	94.8	78.9	136.9	76.8	0.778	63	116	SW by S	67	...	Passing clouds: lg. W. by S.
Mean	29.749	0.125	82.8	75.6	93.5	76.7	134.0	74.9	0.789	70	168	SW by S	67	7.04	

Madras Meteorological Observations. 1875—September.

September 1875	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.724	0.131	83.9	75.8	91.8	78.5	125.0	76.7	0.784	68	140	S S W	87	0.01	Cloudy.
2	29.707	0.131	85.2	76.1	92.3	80.6	141.9	75.1	0.779	64	156	SWbyW	77	...	Do.
3	29.696	0.105	82.2	75.0	88.8	79.5	112.6	76.2	0.772	70	130	S W	100	0.03	Overcast.
4	29.717	0.127	81.1	75.4	94.2	77.6	128.7	75.4	0.805	75	148	S S W	93	0.24	Cloudy : Ig. N.
5	29.733	0.132	84.0	77.4	95.3	75.0	136.0	73.7	0.852	73	185	S S W	57	...	Passing clouds.
6	29.762	0.127	84.6	75.8	93.5	77.8	126.5	75.7	0.774	65	179	S S W	80	...	Cloudy : Ig. S.
7	29.756	0.149	85.4	76.5	96.9	77.6	140.1	76.1	0.793	65	242	SWbyS	60	...	Passing clouds.
8	29.764	0.149	86.8	73.2	97.2	79.7	143.1	77.5	0.636	50	226	SWbyW	83	...	Cloudy.
9	29.734	0.150	86.6	73.5	99.8	76.7	139.4	72.7	0.651	52	250	SWbyS	67	...	Passing clouds.
10	29.767	0.128	83.7	74.3	98.0	78.5	142.8	75.9	0.722	62	169	S by W	73	0.07	Cloudy.
11	29.809	0.139	84.9	75.9	96.3	79.0	144.6	73.8	0.774	64	152	South	40	...	Light passing clouds.
12	29.796	0.155	83.0	75.5	96.1	76.7	140.8	74.5	0.783	69	154	S by W	53	0.02	Passing clouds.
13	29.796	0.159	79.5	75.7	91.8	71.2	135.0	70.2	0.839	83	100	SWbyW	90	0.70	Cloudy : rain.
14	29.761	0.140	82.2	74.7	93.1	71.8	134.0	70.7	0.760	69	144	S W	70	0.99	Do. : do.
15	29.748	0.141	83.4	74.5	93.9	76.9	132.8	74.3	0.736	64	153	W S W	73	0.02	Cloudy.
16	29.721	0.167	85.8	72.9	93.5	77.5	140.5	74.8	0.636	51	159	W by S	85	...	Do.
17	29.702	0.151	83.6	73.8	93.8	79.4	132.2	75.8	0.703	61	228	W S W	85	0.02	Do.
18	29.748	0.112	83.2	74.8	93.2	76.6	139.7	75.4	0.750	65	210	S by W	73	...	Do.
19	29.805	0.139	82.9	75.9	91.0	76.5	135.3	73.7	0.801	71	139	S S E	57	...	Passing clouds.
20	29.852	0.133	76.4	73.5	81.0	73.4	109.7	72.7	0.788	86	90	West	93	2.25	Cloudy : rain : th.
21	29.851	0.136	80.9	76.5	87.8	74.2	133.8	72.3	0.854	81	87	S S W	37	...	Fine with passing clouds.
22	29.875	0.152	81.8	76.6	91.3	76.4	141.2	74.0	0.847	78	88	S by W	27	...	Fine with passing clouds : Ig. S. W.
23	29.856	0.180	80.5	75.5	88.2	75.8	139.6	74.0	0.817	78	89	SWbyS	60	...	Passing clouds : Ig. S. W.
24	29.806	0.166	81.4	76.3	94.5	74.8	140.9	72.8	0.839	78	91	South	47	...	Passing clouds : Ig. N & S.
25	29.793	0.144	81.2	76.1	93.6	75.8	142.4	74.4	0.833	78	133	S W	43	0.01	Passing clouds.
26	29.793	0.131	83.4	76.2	92.1	75.6	130.4	73.5	0.808	70	93	W by S	67	...	Passing clouds : Ig. N.
27	29.822	0.161	81.1	76.5	88.6	77.8	114.5	75.4	0.852	81	53	W by S	90	0.05	Cloudy : Ig. N.
28	29.791	0.165	82.2	76.7	94.5	76.1	154.5	74.1	0.846	77	78	SWbyW	60	...	Passing clouds : Ig. N.
29	29.774	0.130	81.4	75.6	92.3	76.7	158.9	75.2	0.809	76	103	W by N	78	0.13	Cloudy : Ig. N.
30	29.769	0.120	80.5	75.8	92.6	75.8	158.1	73.8	0.829	79	114	W S W	80	0.06	Cloudy.
Mean	29.774	0.142	82.8	75.4	92.9	76.7	136.5	74.4	0.782	70	143	S W	69	4.60	

Madras Meteorological Observations. 1875—October.

October 1875	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		San	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Centa	Miles	Points	Centa	Inches	
1	29.776	0.106	81.8	75.9	90.8	76.1	155.2	74.3	0.817	75	117	W N W	73	...	Cloudy.
2	29.777	0.112	81.1	75.5	90.4	76.3	130.0	73.9	0.813	77	75	W by N	90	...	Do.
3	29.793	0.101	81.9	75.3	94.4	74.9	154.6	70.9	0.790	73	88	N N E	60	...	Passing clouds.
4	29.825	0.106	82.4	76.0	91.6	77.4	142.0	75.1	0.812	73	59	S S W	83	...	Cloudy.
5	29.813	0.127	79.5	75.2	91.6	75.3	150.4	72.9	0.818	81	81	S S W	80	0.66	Cloudy : th. lg. and rain.
6	29.802	0.129	80.5	75.6	87.3	75.0	148.0	73.9	0.820	78	63	SW by W	82	1.05	Cloudy : lg. N. & W.
7	29.838	0.132	82.2	77.0	91.9	76.3	148.6	75.1	0.859	78	131	N W	47	...	Passing clouds : lg. S. W.
8	29.819	0.141	80.7	76.5	86.4	77.7	144.0	74.9	0.857	82	106	North	83	0.02	Cloudy : lg. W.
9	29.854	0.085	76.2	73.6	81.5	75.3	140.2	74.1	0.795	88	130	NW by N	92	0.29	Cloudy : rain.
10	29.873	0.121	76.8	74.2	85.7	73.6	149.6	71.5	0.812	88	168	NW by N	73	0.03	Cloudy.
11	29.894	0.161	77.1	73.6	83.4	74.0	136.5	68.1	0.783	84	169	N N W	80	0.58	Cloudy : rain.
12	29.834	0.148	78.6	73.7	87.5	74.3	150.1	71.5	0.766	78	147	N by W	70	...	Cloudy : lg. S. E.
13	29.801	0.142	77.3	72.3	86.3	72.6	145.6	69.9	0.727	77	122	N by W	77	...	Cloudy.
14	29.845	0.092	77.0	72.8	86.4	72.9	141.1	69.1	0.752	81	124	N by W	73	0.04	Do.
15	29.867	0.083	77.1	73.7	82.7	74.8	136.2	72.5	0.787	84	159	N by W	93	0.01	Do.
16	29.840	0.143	75.1	72.9	80.1	72.1	114.8	71.3	0.781	89	98	North	95	0.70	Cloudy : rain.
17	29.821	0.139	78.2	73.5	86.5	74.1	147.7	71.5	0.764	79	92	N by W	85	...	Cloudy.
18	29.825	0.123	75.5	73.2	76.6	73.4	88.4	70.7	0.788	89	61	N by W	97	0.10	Overcast.
19	29.794	0.114	77.9	74.7	81.6	73.8	110.1	71.0	0.818	85	102	N by W	83	0.02	Cloudy.
20	29.759	0.134	74.9	73.4	76.4	72.6	81.3	71.8	0.804	93	146	N by W	97	2.43	Overcast : rain : th. and lg.
21	29.768	0.069	78.8	75.6	88.3	74.6	149.1	73.3	0.843	86	101	N N E	73	0.03	Cloudy.
22	29.775	0.131	80.5	76.7	86.5	74.8	146.1	73.2	0.869	84	109	S S E	57	0.09	Passing clouds : lg. S. W.
23	29.788	0.124	80.5	77.2	84.3	76.6	142.5	73.9	0.891	86	142	S E by S	47	0.27	Passing clouds : rain.
24	29.830	0.156	81.6	77.3	86.8	76.8	144.3	73.5	0.880	82	123	S E	40	0.01	Fine with passing clouds.
25	29.846	0.112	80.5	77.0	86.6	76.9	144.2	73.7	0.882	85	76	SE by E	43	...	Fine with passing clouds : lg. S. W.
26	29.859	0.158	81.6	76.5	88.8	75.8	144.5	72.1	0.846	78	72	SE by E	20	...	Do. : do.
27	29.891	0.154	80.8	76.3	89.7	75.6	147.9	71.6	0.847	80	66	S E	15	...	Clear : lg. S. W.
28	29.859	0.161	82.0	76.9	89.7	75.7	147.9	71.7	0.858	79	61	S E	27	...	Fine : th. and lg. N. W.
29	29.859	0.139	78.8	76.5	85.1	77.8	120.7	74.9	0.883	90	43	North	57	0.14	Cloudy day : fine night : lg. S.
30	29.868	0.122	81.5	77.0	88.8	74.9	149.0	71.7	0.868	81	73	NE by N	43	...	Passing clouds.
31	29.893	0.106	80.0	74.4	89.2	73.9	148.8	69.7	0.777	76	72	NE by E	17	...	Fine.
Mean	29.829	0.126	79.3	75.2	86.5	75.0	138.7	72.4	0.820	82	102	N N E	66	6.47	

Madras Meteorological Observations. 1875—November.

November 1875	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city.	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cent	Miles	Points	Cents	Inches	
1	29.932	0.100	80.7	75.0	90.1	72.7	147.0	69.6	0.793	75	86	NE by E	23	...	Fine with passing clouds.
2	29.949	0.114	82.0	75.0	90.9	74.5	144.1	71.0	0.775	71	147	N N E	17	...	Fine.
3	29.949	0.112	78.0	69.1	86.4	72.1	146.3	67.4	0.593	61	182	North	20	...	Fine with passing clouds.
4	29.941	0.116	77.7	67.7	85.9	70.7	145.9	65.6	0.545	58	200	N by W	20	...	Do.
5	29.959	0.107	76.6	70.2	87.3	68.5	145.1	62.9	0.653	71	126	N by E	30	...	Fine with light clouds.
6	29.944	0.130	77.8	73.3	85.1	71.6	141.3	68.2	0.761	80	153	North	60	...	Passing clouds.
7	29.932	0.125	79.1	75.2	89.3	73.4	...	70.5	0.823	82	85	N N E	40	...	Do.
8	29.937	0.118	81.3	75.9	89.4	73.8	141.1	71.1	0.822	77	84	E by N	60	0.05	Do.
9	29.963	0.133	79.7	75.3	90.5	73.8	159.1	72.2	0.819	80	90	N E	63	...	Do.
10	29.989	0.113	77.1	73.6	85.1	73.8	150.3	73.3	0.783	84	78	N E	93	0.35	Cloudy : rain.
11	29.989	0.106	79.1	72.6	87.9	70.9	149.6	68.1	0.715	72	147	NE by N	60	0.02	Passing clouds.
12	29.987	0.116	77.4	74.2	85.5	75.4	143.7	73.4	0.804	86	180	N E	77	0.27	Cloudy.
13	30.021	0.120	79.0	73.7	86.4	77.4	152.9	75.3	0.762	77	258	N N E	93	2.54	Cloudy : thunderstorm.
14	30.035	0.070	73.2	72.0	74.6	73.3	78.1	72.0	0.770	94	112	N by E	100	3.50	Overcast : thunderstorm.
15	29.994	0.088	78.7	75.0	85.7	70.5	149.2	69.9	0.820	83	189	NE by N	80	0.06	Cloudy : lg. N.
16	30.008	0.097	79.8	73.6	86.0	74.0	151.4	72.3	0.747	72	193	N N E	50	...	Passing clouds.
17	30.001	0.131	78.8	74.6	86.1	75.0	116.3	72.4	0.801	81	199	NE by N	67	0.07	Cloudy.
18	29.956	0.128	79.5	74.7	85.9	76.4	151.2	73.3	0.796	79	244	NE by N	80	0.26	Cloudy : rain.
19	29.935	0.100	78.3	73.9	84.6	73.4	149.6	72.5	0.779	80	217	N N E	60	0.32	Passing clouds : rain.
20	29.912	0.118	78.7	73.3	86.4	73.1	151.2	71.2	0.748	76	201	N N E	67	0.74	Do. : do.
21	29.930	0.099	76.9	73.3	82.4	73.7	132.4	72.5	0.773	84	195	NE by N	87	0.50	Cloudy : rain.
22	29.939	0.110	77.1	73.4	83.8	72.9	151.6	71.3	0.774	83	140	N E	80	0.02	Cloudy.
23	29.929	0.119	76.0	72.1	83.7	71.4	153.3	70.3	0.736	82	214	N N E	90	2.47	Cloudy : rain.
24	29.925	0.143	77.7	72.5	82.7	71.8	147.1	69.2	0.730	77	222	N N E	80	...	Cloudy.
25	29.945	0.118	77.5	72.7	84.6	74.9	153.3	73.5	0.741	79	245	N N E	80	...	Do.
26	29.971	0.100	78.4	73.7	84.4	72.9	144.0	71.3	0.769	79	194	N N E	67	0.01	Passing clouds.
27	30.001	0.123	79.4	74.1	85.4	73.8	149.2	73.5	0.773	77	189	N E	60	0.01	Do.
28	29.971	0.149	77.9	71.1	84.8	71.5	151.5	68.2	0.672	70	185	NE by N	23	...	Fine with passing clouds.
29	29.983	0.112	75.5	69.9	84.3	67.7	148.4	64.3	0.658	75	121	N N E	30	...	Do.
30	29.974	0.109	75.3	68.8	84.7	68.0	151.5	64.6	0.599	68	152	N N E	27	...	Fine.
Mean	29.963	0.114	78.1	73.0	85.7	72.8	145.7	70.4	0.744	77	168	N N E	59	11.19	

Madras Meteorological Observations. 1875—December.

December 1875	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.968	0.096	74.8	69.8	84.9	69.1	146.8	64.3	0.663	77	138	N N E	40	...	Fine with passing clouds.
2	29.963	0.113	75.9	70.5	85.5	68.4	150.9	64.2	0.675	75	147	NE by N	57	...	Passing clouds.
3	29.917	0.146	77.7	72.6	86.8	71.9	149.5	69.2	0.734	78	162	NE by N	63	0.43	Cloudy : rain.
4	29.934	0.089	75.8	73.0	81.9	74.1	115.4	73.2	0.776	87	168	NE by N	100	0.32	Overcast : rain.
5	29.899	0.129	78.1	73.8	85.4	73.0	146.0	70.2	0.777	81	81	NE by E	60	0.50	Passing clouds : rain.
6	29.959	0.089	74.7	71.9	78.5	72.5	136.3	71.0	0.746	87	122	E N E	97	1.14	Overcast : rain.
7	29.971	0.109	77.0	73.2	84.8	71.8	148.2	69.1	0.768	83	131	N E	85	0.01	Cloudy.
8	29.985	0.113	78.2	72.9	85.6	72.8	152.6	70.9	0.739	77	213	N E	63	0.01	Passing clouds.
9	29.997	0.132	79.2	72.7	84.7	76.1	147.3	73.0	0.718	72	280	N E	73	...	Cloudy.
10	29.972	0.141	78.8	73.0	85.6	75.5	149.4	72.1	0.735	75	185	N E	63	...	Passing clouds.
11	29.944	0.124	77.5	72.2	83.9	73.9	147.9	71.9	0.720	76	197	NE by N	73	0.02	Do.
12	29.930	0.120	75.6	71.1	84.3	71.2	147.4	68.4	0.703	79	138	N N E	37	...	Do.
13	29.935	0.116	75.8	72.9	84.5	71.0	150.2	67.6	0.771	86	112	NE by N	70	0.24	Cloudy with rain.
14	29.935	0.123	77.1	73.1	83.8	71.0	147.3	69.3	0.762	82	172	N E	83	0.12	Do.
15	29.930	0.075	77.4	73.8	84.5	73.6	147.5	70.5	0.787	84	142	NE by E	87	0.14	Do.
16	29.958	0.117	76.1	72.5	83.7	71.8	150.1	69.5	0.752	84	155	NE by N	53	0.24	Passing clouds : rain.
17	29.989	0.108	76.1	70.3	84.3	69.9	146.7	67.0	0.665	74	160	N N E	50	...	Passing clouds.
18	30.034	0.098	74.9	68.0	83.4	68.8	143.5	65.0	0.593	68	165	N N E	37	...	Fine with passing clouds.
19	30.029	0.111	72.8	67.0	83.6	64.8	153.0	61.0	0.585	73	94	N N E	30	...	Do.
20	30.029	0.135	73.9	67.8	82.8	67.8	145.9	63.7	0.600	72	122	N by E	20	...	Fine.
21	30.031	0.141	73.2	66.5	82.6	63.8	146.5	59.6	0.564	69	147	N by E	20	...	Fine with passing clouds.
22	30.035	0.129	71.6	66.6	82.9	64.5	144.6	60.3	0.587	76	143	N by E	13	...	Fine.
23	30.051	0.107	72.5	66.5	83.3	62.6	151.3	58.3	0.572	72	143	N N E	20	...	Do.
24	30.046	0.124	75.7	67.4	84.6	66.1	151.7	60.4	0.561	63	253	NE by N	40	...	Fine with passing clouds.
25	30.033	0.123	74.5	68.4	84.2	72.7	148.5	69.9	0.615	72	208	NE by N	53	...	Passing clouds.
26	30.032	0.117	73.8	68.0	84.1	67.2	148.1	63.5	0.609	73	113	N N E	17	...	Fine.
27	29.997	0.138	71.5	66.3	83.6	62.0	147.1	57.3	0.578	75	113	N N E	10	...	Do.
28	30.005	0.111	73.1	67.2	83.1	64.7	144.5	60.3	0.589	72	90	N N E	13	...	Do.
29	30.008	0.129	73.4	67.6	84.2	64.1	146.1	59.4	0.599	73	147	N N E	10	...	Fine with passing clouds.
30	30.002	0.109	74.5	66.2	84.4	64.1	148.5	60.3	0.534	62	193	NE by N	27	...	Do.
31	29.969	0.116	77.0	69.0	84.8	68.8	145.6	64.2	0.603	65	165	NE by N	17	0.01	Do.
Mean	29.983	0.117	75.4	70.1	84.0	69.3	146.6	66.0	0.667	76	155	NE by N	48	3.18	

Madras Mean Monthly and Annual Meteorological Results in 1875.

	Barometer		Dry Bulb Thermometer				Wet Bulb		Tension of Vapour	Relative Humidity	Maximum Sun	Minimum on Grass	Wind		Rain		Clear Sky	
	Reduced to 32°	Daily Range	Mean	Max.	Min.	Range	Mean	Min.	By Blanford's Tables	Cents	°	°	Daily Velocity	Mean Direction		Amount		Days
														Inches	°			
January.....	29.945	0.118	75.0	84.4	67.5	16.9	68.8	65.4	0.624	71	134.7	62.0	121	5	N E by E	0.01	1	67
February.....	29.959	0.122	76.5	86.0	68.0	18.0	69.4	65.7	0.628	69	134.3	62.4	123	5	N E by E			66
March.....	29.889	0.139	80.2	89.7	72.5	17.2	74.3	71.0	0.772	75	134.6	68.9	173	11	S E by E	1.18	1	74
April.....	29.784	0.132	84.4	93.8	77.6	16.2	77.1	74.4	0.836	71	136.2	75.1	200	13	S E by S	0.76	1	66
May.....	29.737	0.133	87.0	99.1	80.6	18.5	77.0	74.2	0.796	62	139.2	79.1	236	15	S by E	0.07	2	66
June.....	29.669	0.122	87.4	99.3	81.2	18.1	76.0	73.7	0.747	58	134.7	79.7	230	18	S S W	0.86	5	34
July.....	29.712	0.123	86.4	99.1	80.3	18.8	74.8	72.3	0.708	57	134.4	78.8	238	20	S W	1.76	12	27
August.....	29.749	0.125	82.8	93.5	76.7	16.8	75.6	72.7	0.789	70	134.0	74.9	168	19	S W by S	7.04	13	33
September.....	29.774	0.142	82.8	92.9	76.7	16.2	75.4	72.3	0.782	70	136.5	74.4	143	20	S W	4.60	14	31
October.....	29.829	0.126	79.3	86.5	75.0	11.5	75.2	73.0	0.820	82	138.7	72.4	102	2	N N E	6.47	17	34
November.....	29.963	0.114	78.1	85.7	72.8	12.9	73.0	70.3	0.744	77	145.7	70.4	168	2	N N E	11.19	16	41
December.....	29.983	0.117	75.4	84.0	69.3	14.7	70.1	67.1	0.667	76	146.6	66.0	155	3	N E by N	3.18	12	52
Annual	29.835	0.126	81.3	91.2	74.9	16.3	73.9	71.0	0.742	71	137.5	72.0	171	11	S E by E	37.12	94	49

Madras Extreme Monthly Meteorological Records in 1875.

	Barometer			Dry Bulb Thermometer			Wet Bulb		Humidity		Sun Thermometer		Grass Thermometer		Wind		Rain.	
	Inches	Day	Inches	°	Day	°	°	Day	Cents	Day	°	Day	°	Day	Miles	Day	Inches	Day
January ..	30.106	1	29.802	21	0.304	87.9	20	61.4	10	59.5	7	49	8	139.6	31	54.7	14	24
February ..	30.104	4	29.854	17	0.250	89.0	27	64.0	9	62.5	24	50	4	140.2	27	57.4	9	...
March	30.070	6	29.723	13	0.347	96.7	11	65.2	1	64.1	1	49	11	141.2	11	59.7	1	25
April	29.938	4	29.588	27	0.350	108.9	26	74.1	14	68.5	27	38	27	147.5	22	70.7	12	1
May	29.920	14	29.550	9	0.370	109.6	8	75.2	14	70.9	27	36	7	147.2	6	73.6	14	27
June	29.817	16	29.550	4	0.267	106.3	1	74.4	17	68.7	24	29	24	145.0	14	73.5	17	16
July	29.855	29	29.562	17	0.293	105.7	4	75.3	31	69.6	26	30	17	151.3	27	73.7	31	31
August ..	29.884	25	29.621	8	0.263	99.2	10	72.4	28	69.3	28	47	16	145.0	23	70.6	28	12
September ..	29.944	23	29.615	17	0.329	99.8	9	71.2	13	68.7	10	36	9	158.9	29	70.2	13	20
October ..	29.963	11	29.701	20	0.262	94.4	3	72.1	16	69.4	14	56	1	155.2	1	68.1	11	20
November ..	30.077	13	29.862	20	0.215	90.9	2	67.7	29	63.4	4	43	4	159.1	9	62.9	5	14
December ..	30.113	24	29.844	5	0.269	86.8	3	62.0	27	61.3	27	52	30	153.0	19	57.3	27	6

Madras Meteorological Observations. 1876—January.

January 1876	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.944	0.112	76.0	69.2	84.0	70.1	149.2	65.9	0.624	70	217	N E	50	...	Passing clouds.
2	29.957	0.098	77.0	71.4	84.5	70.7	151.2	68.5	0.695	75	194	NE by E	50	0.12	Do.
3	29.994	0.111	77.2	71.4	83.9	71.7	142.2	69.0	0.692	74	201	NE by N	85	...	Cloudy.
4	29.976	0.132	75.6	70.3	84.7	69.8	148.1	66.3	0.672	76	173	NE by N	40	...	Passing clouds.
5	29.954	0.123	76.1	70.7	85.3	67.6	146.6	63.4	0.680	75	118	NE by N	27	...	Fine with passing clouds.
6	29.963	0.125	76.8	70.6	85.6	69.8	143.9	66.7	0.666	72	177	N E	30	...	Do.
7	29.966	0.121	75.7	70.1	84.7	67.7	150.8	64.3	0.663	75	159	NE by N	30	...	Do.
8	29.967	0.141	75.5	68.3	84.5	65.7	148.8	61.5	0.598	67	172	NE by N	30	...	Do.
9	29.977	0.141	75.4	67.5	84.6	66.0	150.6	62.3	0.569	64	217	N N E	27	...	Do.
10	30.028	0.111	75.2	68.0	83.5	67.6	146.2	64.7	0.590	67	186	NE by N	47	...	Passing clouds.
11	30.021	0.124	77.5	68.7	85.3	73.5	150.9	69.7	0.585	62	281	NE by N	30	...	Fine with passing clouds.
12	30.005	0.119	75.7	68.9	84.6	68.0	149.9	65.1	0.617	70	183	NE by N	47	...	Passing clouds.
13	30.006	0.116	74.9	68.7	83.5	67.6	146.5	65.3	0.620	71	157	NE by N	33	...	Do.
14	30.030	0.096	74.7	68.9	84.3	65.8	148.3	62.1	0.630	73	155	NE by N	50	...	Do.
15	30.058	0.134	74.3	68.8	84.9	65.7	148.3	62.2	0.632	74	141	NE by N	30	...	Do.
16	30.016	0.136	72.4	65.8	83.7	63.9	147.5	60.5	0.549	69	127	NE by N	27	...	Fine with passing clouds.
17	30.016	0.137	72.7	66.1	83.1	66.6	149.2	63.2	0.553	69	81	N E	27	...	Do.
18	30.004	0.121	70.5	65.5	81.9	62.8	136.9	59.8	0.563	76	74	N N E	50	...	Passing clouds.
19	29.995	0.118	71.7	65.0	83.6	61.0	153.7	57.1	0.529	68	74	N E	40	...	Do.
20	29.971	0.114	73.0	65.8	85.2	64.8	152.2	62.8	0.540	66	95	NE by E	50	...	Do.
21	29.968	0.138	74.3	67.7	84.7	65.0	146.9	61.0	0.591	70	88	NE by N	23	...	Fine.
22	29.944	0.112	73.9	67.9	84.4	63.8	145.3	60.9	0.604	72	59	N E	13	...	Do.
23	29.909	0.133	72.8	67.0	83.8	63.2	145.5	59.7	0.586	73	72	NE by E	20	...	Do.
24	29.949	0.111	72.2	67.3	83.7	62.6	148.7	59.0	0.604	76	49	E N E	30	...	Fine with passing clouds.
25	29.948	0.118	71.8	66.5	84.5	63.7	130.1	61.8	0.582	75	36	S E	67	...	Cloudy.
26	29.930	0.123	72.7	64.1	90.4	60.7	150.1	56.8	0.485	60	66	SE by E	47	...	Passing clouds.
27	29.895	0.141	72.5	62.8	89.7	57.6	150.7	52.3	0.444	56	96	N N E	27	...	Fine.
28	29.899	0.126	73.2	63.1	88.3	57.9	152.5	53.4	0.445	55	95	NE by N	10	...	Do.
29	29.950	0.128	71.2	65.7	82.7	60.2	145.7	56.1	0.560	73	68	NE by E	20	...	Do.
30	29.948	0.127	72.1	66.2	85.4	61.3	147.6	57.2	0.566	71	71	E by S	7	...	Do.
31	29.942	0.160	73.3	67.5	83.8	61.8	147.0	59.0	0.597	73	107	SE by E	10	...	Do.
Mean	29.972	0.124	74.1	67.6	84.7	65.3	147.5	61.9	0.591	70	129	N E	35	0.12	

Madras Meteorological Observations. 1876—February.

February 1876	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.950	0.129	72.7	67.6	84.4	62.6	147.1	59.0	0.609	76	77	S E	7	...	Fine.
2	29.992	0.133	72.6	65.9	84.1	62.6	145.7	58.3	0.549	68	58	SE by E	17	...	Do.
3	29.994	0.136	71.9	65.9	83.2	62.1	145.3	58.5	0.558	71	62	SE by E	7	...	Clear.
4	29.990	0.141	71.9	65.6	86.3	60.6	148.5	56.7	0.548	70	69	SE by S	3	...	Do.
5	30.005	0.120	73.9	67.5	85.7	63.0	146.3	59.5	0.589	70	82	S E	0	...	Do.
6	29.988	0.133	73.9	67.1	85.2	64.2	146.9	60.7	0.574	69	82	E by S	0	...	Do.
7	29.989	0.126	74.5	66.0	88.1	63.7	148.5	61.0	0.527	61	110	NE by N	0	...	Do.
8	30.042	0.111	75.6	66.7	84.8	65.6	145.8	61.8	0.536	60	142	NE by E	13	...	Fine.
9	30.063	0.122	75.2	67.2	85.2	66.0	148.1	62.6	0.561	64	127	N E	27	...	Fine with passing clouds.
10	30.014	0.104	73.8	66.6	85.2	62.6	148.3	58.8	0.557	66	119	NE by N	7	...	Fine.
11	29.985	0.114	72.0	65.9	84.0	61.6	145.7	58.4	0.557	71	76	N E	17	...	Do.
12	30.025	0.116	74.1	67.4	86.1	61.9	147.5	58.5	0.582	69	103	N E	7	...	Do.
13	30.017	0.130	73.4	65.4	85.1	64.0	147.0	60.8	0.520	63	84	E N E	17	...	Do.
14	29.986	0.128	71.2	63.8	84.2	58.5	146.7	54.8	0.491	64	68	E N E	30	...	Fine with passing clouds.
15	29.953	0.133	71.1	64.3	83.8	59.3	142.7	55.5	0.513	67	55	E by S	13	...	Fine.
16	29.933	0.135	71.8	65.2	83.5	59.1	145.7	54.9	0.535	69	94	S E	10	...	Do.
17	29.875	0.135	71.8	65.5	83.2	58.6	146.2	54.4	0.546	70	125	SE by S	7	...	Do.
18	29.870	0.145	74.0	67.1	86.6	61.4	135.4	57.4	0.572	68	124	SE by S	43	...	Fine with passing clouds.
19	29.943	0.103	75.2	68.1	84.6	64.7	138.0	60.7	0.593	68	93	E S E	40	...	Do.
20	29.997	0.129	75.9	67.5	86.5	63.7	140.0	60.3	0.562	62	95	E N E	17	...	Fine.
21	29.938	0.133	74.7	68.0	85.8	63.6	142.0	60.1	0.596	69	80	N E	13	...	Do.
22	29.894	0.140	75.8	70.0	86.3	65.4	140.0	62.6	0.657	74	79	East	10	...	Do.
23	29.870	0.146	75.8	69.1	86.6	65.8	147.4	62.3	0.622	70	67	S E	7	...	Do.
24	29.890	0.113	77.0	68.4	92.8	64.1	147.1	60.3	0.581	62	140	S S E	2	...	Clear.
25	29.898	0.128	77.5	71.4	88.7	68.8	142.4	66.4	0.689	73	145	SE by S	7	...	Fine.
26	29.961	0.100	76.7	70.6	86.4	68.6	146.5	66.2	0.668	73	94	E S E	27	...	Fine with passing clouds.
27	29.948	0.125	77.3	70.6	86.9	70.7	147.7	68.2	0.661	70	67	E S E	17	...	Fine.
28	29.920	0.130	74.9	69.2	85.5	66.5	146.4	62.9	0.638	73	93	S E	17	...	Do.
29	29.900	0.111	76.3	69.3	85.3	64.7	138.7	61.5	0.624	69	136	S E by S	7	...	Do.
Mean	29.960	0.126	74.2	67.3	85.7	63.6	145.0	60.1	0.580	68	95	E by S	13	Nil.	

Madras Meteorological Observations. 1876—March.

March 1876	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.882	0.143	77.6	70.0	87.5	66.0	137.9	61.9	0.633	67	161	SE by S	13	...	Fine.
2	29.843	0.176	79.8	73.7	90.5	71.2	131.1	68.2	0.751	74	166	SE by S	27	...	Fine with passing clouds.
3	29.864	0.134	80.2	72.3	87.9	72.9	138.0	69.0	0.688	66	173	SE by S	7	...	Fine.
4	29.890	0.129	79.7	73.6	89.3	70.9	142.3	67.8	0.748	74	172	SE by S	20	...	Do.
5	29.920	0.133	80.0	73.3	89.8	72.9	137.5	69.4	0.731	71	139	SE by S	13	...	Do.
6	29.896	0.156	79.9	72.5	87.8	70.8	142.3	67.0	0.700	68	165	SE by S	10	...	Do.
7	29.859	0.160	80.5	73.9	91.0	71.7	141.3	68.0	0.749	72	134	SE by S	13	...	Do.
8	29.889	0.127	80.3	74.6	90.3	74.0	141.0	71.5	0.781	74	165	S S E	10	...	Do.
9	29.937	0.125	80.3	73.9	87.8	72.1	140.9	69.3	0.751	72	95	SE by E	27	...	Fine with passing clouds.
10	29.903	0.125	79.1	72.7	88.8	69.9	143.2	66.1	0.718	72	92	E S E	17	...	Fine.
11	29.902	0.096	81.2	74.2	90.4	71.2	141.2	68.7	0.753	71	126	East	17	...	Do.
12	29.933	0.112	82.5	76.6	90.4	77.6	145.2	76.3	0.837	75	139	East	37	...	Fine with passing clouds.
13	29.982	0.122	82.7	76.5	89.9	76.6	146.3	74.8	0.830	74	115	E by S	40	...	Passing clouds.
14	29.953	0.171	82.4	75.6	90.2	74.3	146.9	71.5	0.795	72	128	S E	20	...	Fine.
15	29.873	0.148	82.5	75.7	93.5	74.8	145.9	72.4	0.796	72	182	S S E	33	...	Fine with passing clouds.
16	29.856	0.129	84.2	76.8	96.4	76.9	144.9	75.1	0.823	70	177	S S E	37	...	Do.
17	29.886	0.129	83.7	77.2	90.8	77.1	143.8	75.2	0.847	73	215	SE by S	13	...	Fine.
18	29.901	0.133	82.4	76.7	89.8	76.9	145.0	75.0	0.843	76	210	SE by S	10	...	Do.
19	29.885	0.125	82.5	76.4	90.0	75.8	147.6	72.9	0.829	75	194	SE by S	20	...	Fine with light clouds.
20	29.932	0.112	81.3	75.1	88.9	74.6	148.6	71.1	0.789	74	169	S E	23	...	Do.
21	29.956	0.165	80.7	74.1	89.7	73.6	148.5	70.8	0.755	72	132	S E	13	...	Fine.
22	29.880	0.148	80.9	74.5	92.5	72.3	141.5	69.6	0.769	73	162	SE by S	13	...	Do.
23	29.820	0.157	82.2	74.7	94.6	73.8	141.7	71.6	0.760	69	200	S S E	13	...	Do.
24	29.773	0.144	82.5	76.2	94.6	74.4	139.3	71.8	0.820	74	205	S S E	17	...	Do.
25	29.752	0.157	84.8	76.2	97.7	77.5	137.4	74.9	0.789	66	233	S S E	3	...	Clear.
26	29.786	0.125	83.5	77.7	90.9	78.5	142.1	77.1	0.873	76	241	S S E	13	...	Fine.
27	29.822	0.124	83.3	77.5	93.8	76.8	146.0	73.9	0.867	76	219	S S E	17	...	Do.
28	29.826	0.130	83.2	77.0	91.3	76.8	147.0	73.9	0.845	73	202	SE by S	18	...	Do.
29	29.835	0.135	82.6	76.0	90.8	75.7	143.7	73.1	0.810	73	212	SE by S	23	...	Do.
30	29.823	0.148	82.0	75.4	88.8	73.9	141.7	70.9	0.793	73	215	SE by S	10	...	Do.
31	29.786	0.129	82.6	76.3	89.2	76.8	143.9	74.3	0.823	74	230	SE by S	20	...	Do.
Mean	29.872	0.137	81.6	75.1	90.8	74.1	142.7	71.4	0.784	72	173	SE by S	18	Nil.	

Madras Meteorological Observations. 1876—April.

April 1876	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.777	0.142	84.5	77.7	92.7	78.4	142.9	76.1	0.859	73	271	S S E	23	...	Fine with light clouds.
2	29.813	0.123	84.2	77.9	90.9	78.9	129.2	77.1	0.872	74	286	S S E	23	...	Do.
3	29.870	0.139	82.7	77.0	90.9	75.9	139.4	72.2	0.852	76	161	SE by S	23	...	Fine with passing clouds.
4	29.834	0.163	82.6	76.6	90.4	75.0	144.9	71.9	0.836	75	169	S E	17	...	Fine.
5	29.826	0.142	82.6	75.6	91.4	74.5	144.9	71.0	0.792	71	203	SE by S	20	...	Fine with light clouds.
6	29.820	0.165	84.3	76.8	92.7	75.9	144.6	73.4	0.822	70	197	S S E	17	...	Fine.
7	29.831	0.145	83.7	77.0	92.9	76.5	142.0	73.9	0.838	73	208	S S E	15	...	Do.
8	29.835	0.177	84.2	78.0	90.3	77.5	143.1	74.4	0.876	75	196	SE by S	25	...	Fine with light clouds.
9	29.802	0.158	84.6	77.1	97.0	77.7	141.3	75.1	0.831	70	225	S S E	7	...	Fine.
10	29.750	0.150	85.2	79.0	91.7	78.9	140.1	75.9	0.908	75	253	S S E	40	...	Fine with passing clouds.
11	29.691	0.146	86.3	78.7	96.7	81.0	139.3	79.7	0.880	70	284	S S E	27	...	Do.
12	29.718	0.132	85.2	79.5	94.7	81.6	138.6	80.5	0.932	77	262	S S E	30	...	Do.
13	29.743	0.140	85.5	79.9	94.4	80.6	140.9	79.1	0.947	77	265	S S E	27	...	Fine with light clouds.
14	29.730	0.133	85.8	77.8	94.3	80.0	141.1	78.4	0.846	68	278	S S E	20	...	Fine.
15	29.745	0.139	85.7	79.4	94.8	79.5	140.9	77.5	0.920	75	250	S S E	20	...	Fine : lg.
16	29.773	0.166	85.8	79.5	93.6	80.1	140.5	78.8	0.924	75	248	SE by S	10	...	Fine.
17	29.724	0.171	85.8	79.0	94.1	79.8	143.2	76.9	0.900	73	253	SE by S	10	...	Do.
18	29.687	0.149	87.0	77.6	97.0	81.4	136.5	78.9	0.821	64	274	S S E	10	...	Do.
19	29.753	0.102	85.6	77.8	93.8	80.1	129.7	78.6	0.840	69	253	S S E	13	...	Do.
20	29.780	0.142	83.6	77.0	91.4	75.8	143.5	72.7	0.840	73	203	S E	13	...	Do.
21	29.766	0.146	83.3	76.5	92.2	76.3	141.9	72.8	0.822	72	148	S E	30	...	Fine with light clouds.
22	29.719	0.151	84.2	76.9	93.3	75.1	143.3	73.0	0.827	71	196	S E	20	...	Fine.
23	29.721	0.135	85.9	78.9	94.1	78.9	134.6	76.8	0.895	72	199	S E	17	...	Do.
24	29.746	0.120	86.4	78.8	93.9	80.6	139.5	78.8	0.884	70	200	SE by S	10	...	Do.
25	29.751	0.117	86.2	79.3	93.3	80.7	140.3	79.4	0.909	72	220	SE by S	27	...	Fine with light clouds.
26	29.718	0.120	86.5	78.5	94.0	80.3	135.3	78.6	0.868	69	227	SE by S	33	...	Do.
27	29.726	0.120	85.2	77.4	95.9	78.1	144.2	75.8	0.836	69	179	SE by S	20	...	Do.
28	29.782	0.100	85.0	77.8	94.5	76.3	142.9	74.4	0.857	69	128	E by S	23	...	Do.
29	29.802	0.107	86.2	79.1	95.5	79.7	145.0	77.9	0.900	72	198	NE by E	43	...	Fine with light passing clouds : lg.
30	29.790	0.121	81.0	77.6	90.1	76.0	141.7	74.8	0.902	85	79	NE by N	60	0.71	Heavy thunderstorm : light p. cl.
Mean	29.767	0.139	84.8	78.0	93.4	78.4	140.5	76.1	0.868	72	217	SE by S	22	0.71	

Madras Meteorological Observations. 1876—May.

May 1876	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass			Daily Velo- city	Mean Direc- tion			
			Dry	Wet	Max.	Min.	Max.	Min.							
	Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles				Points	Cents	Inches
1	29.761	0.141	84.6	78.4	90.4	78.9	145.6	77.8	0.888	75	112	E S E	50	...	Passing clouds.
2	29.736	0.120	85.5	78.0	93.4	78.1	147.2	76.4	0.859	70	176	SE by S	43	...	Do.
3	29.739	0.113	85.6	79.1	92.2	79.6	147.8	77.7	0.907	74	175	SE by S	40	...	Do.
4	29.704	0.098	86.7	79.7	94.4	80.5	144.9	79.1	0.921	72	146	SE by E	67	...	Cloudy.
5	29.636	0.122	85.3	79.0	94.5	82.9	125.3	81.9	0.907	75	116	S S E	92	0.01	Do.
6	29.605	0.146	79.7	74.2	83.8	77.2	97.2	74.6	0.773	76	196	W by S	100	0.43	Overcast : rain.
7	29.643	0.102	82.3	75.0	89.8	76.9	118.0	73.4	0.771	70	178	N W	97	0.01	Overcast.
8	29.656	0.119	86.0	78.0	98.4	79.7	144.9	77.7	0.852	68	141	N N E	90	...	Cloudy.
9	29.679	0.114	87.7	78.4	100.0	81.3	145.9	80.1	0.847	64	217	S by E	43	...	Passing clouds.
10	29.669	0.112	88.2	79.9	101.2	80.9	146.4	79.9	0.910	68	228	S by E	37	...	Do.
11	29.690	0.101	87.1	77.2	104.0	81.6	145.6	80.7	0.801	62	245	S by W	50	...	Do.
12	29.690	0.133	87.3	78.8	103.0	82.1	144.2	81.7	0.871	67	277	South	30	...	Fine with passing clouds.
13	29.714	0.112	89.7	78.4	106.2	82.7	147.6	81.7	0.820	58	294	S by W	17	...	Fine : lg. W.
14	29.726	0.142	89.5	76.9	103.4	82.4	147.0	80.7	0.756	55	291	S by W	10	...	Fine.
15	29.686	0.116	90.9	76.9	109.1	83.1	148.2	82.1	0.737	51	261	S by W	27	...	Fine with light clouds.
16	29.690	0.074	90.5	74.9	108.1	82.0	145.8	80.9	0.656	46	246	S S W	30	...	Fine with light clouds : lg. W. & N.
17	29.737	0.096	90.0	77.0	105.2	83.0	148.9	81.6	0.753	53	300	S S W	30	...	Passing clouds.
18	29.766	0.136	89.2	78.5	100.5	83.6	149.9	82.4	0.831	61	284	South	30	...	Fine with passing clouds.
19	29.754	0.147	87.6	76.5	99.3	82.0	147.4	81.8	0.764	59	260	South	53	...	Passing clouds.
20	29.727	0.151	88.6	78.5	104.8	82.9	150.9	82.1	0.840	63	261	South	33	...	Light passing clouds.
21	29.754	0.146	86.3	79.6	99.4	82.7	148.9	81.8	0.922	73	278	S by E	37	...	Light clouds : lg. W.
22	29.783	0.127	88.1	77.7	98.9	82.0	147.1	81.4	0.810	61	282	S by E	17	...	Fine.
23	29.761	0.157	87.3	77.6	98.4	81.5	148.9	80.7	0.817	63	282	S by E	17	...	Do.
24	29.763	0.114	87.4	77.3	95.3	82.0	139.5	80.7	0.802	62	264	South	53	...	Hazy day : fine night.
25	29.743	0.116	88.7	77.4	106.2	82.1	150.1	81.7	0.788	59	296	S by W	10	...	Fine.
26	29.773	0.131	85.7	75.7	101.1	80.8	147.7	81.0	0.755	61	229	SW by S	30	...	Fine with passing clouds : lg. S.
27	29.720	0.163	89.2	75.4	107.3	81.4	152.5	80.0	0.695	50	283	S S W	7	...	Fine.
28	29.673	0.146	90.3	76.3	108.9	82.0	150.1	81.5	0.719	49	294	S S W	20	...	Fine with light clouds.
29	29.646	0.123	89.1	76.5	107.8	86.0	157.5	85.4	0.744	55	283	SW by S	50	...	Passing clouds.
30	29.599	0.144	89.3	77.0	109.0	83.0	147.2	82.1	0.763	55	254	SW by S	43	0.01	Passing clouds : th.
31	29.624	0.136	89.1	76.8	104.2	82.0	147.6	79.7	0.757	55	229	S by W	57	0.73	Cloudy : thunderstorm.
Mean	29.705	0.126	87.5	77.4	100.6	81.5	144.4	80.3	0.808	64	238	South	42	1.19	

Madras Meteorological Observations. 1876—June.

June 1876	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.633	0.141	81.5	76.6	95.9	71.0	144.1	70.9	0.850	79	226	S by W	90	0.26	Cloudy : rain.
2	29.660	0.105	85.5	78.5	95.9	79.7	149.1	77.7	0.882	72	156	S by E	73	0.07	Cloudy.
3	29.681	0.130	84.7	76.6	95.4	78.6	145.0	76.9	0.808	68	192	SW by S	67	0.04	Cloudy : lg.
4	29.653	0.152	85.3	77.2	96.8	78.2	143.5	76.0	0.826	68	218	S by W	30	...	Fine with light clouds : th.
5	29.659	0.118	86.8	78.3	102.2	81.2	145.5	80.7	0.855	67	282	South	40	...	Fine with passing clouds.
6	29.672	0.095	87.5	76.7	105.3	82.0	150.4	80.9	0.774	59	242	S by W	40	...	Passing clouds.
7	29.657	0.083	86.6	78.5	95.3	81.2	144.1	80.0	0.867	69	170	S S E	47	...	Light clouds.
8	29.677	0.134	84.7	78.2	90.0	81.0	143.7	80.4	0.878	74	267	S S E	57	...	Do.
9	29.690	0.102	87.3	77.0	101.1	81.0	146.8	80.3	0.790	60	214	South	67	...	Passing clouds.
10	29.719	0.061	86.6	76.0	103.2	82.0	146.1	81.2	0.756	60	261	SW by S	67	...	Cloudy : lg. N. W.
11	29.679	0.114	88.3	76.5	102.8	83.0	147.5	81.5	0.755	56	229	S by W	40	...	Light passing clouds.
12	29.693	0.081	86.5	76.5	100.4	80.0	145.1	77.7	0.779	62	229	SW by S	67	0.01	Cloudy : lg. S. W.
13	29.707	0.101	84.1	76.3	98.2	81.1	148.3	80.0	0.803	68	190	South	53	1.43	Passing clouds : thunderstorm.
14	29.728	0.093	84.2	78.3	95.0	77.1	137.0	76.3	0.890	75	179	South	33	...	Fine with passing clouds : lg. W. & S.
15	29.724	0.139	83.3	75.6	99.6	78.7	148.3	77.7	0.784	69	262	S S W	47	0.43	Passing clouds : thunderstorm.
16	29.730	0.119	85.6	76.4	97.3	74.4	146.5	73.0	0.787	64	199	S W	67	0.53	Passing clouds : rain : lg. N. W.
17	29.761	0.136	88.1	75.2	99.1	81.7	143.6	79.9	0.702	52	226	S W	80	0.03	Cloudy.
18	29.770	0.145	85.7	75.8	100.0	79.8	148.1	78.0	0.757	61	191	S W	70	...	Do.
19	29.748	0.111	87.9	75.3	97.2	81.4	141.1	80.0	0.709	54	215	SW by W	83	0.05	Do.
20	29.748	0.143	88.2	76.0	96.6	82.5	132.8	80.6	0.736	55	244	SW by W	87	...	Do.
21	29.736	0.152	88.3	76.3	97.0	81.4	142.4	79.5	0.746	56	194	S W	87	0.03	Do.
22	29.759	0.120	89.0	74.9	100.2	81.1	138.2	78.6	0.676	50	201	SW by S	80	...	Do.
23	29.742	0.144	87.5	75.5	102.5	82.3	148.8	80.8	0.722	56	240	S W	67	...	Passing clouds.
24	29.705	0.134	87.2	76.0	104.2	82.3	150.5	78.6	0.748	58	231	S by W	70	0.01	Do.
25	29.724	0.091	86.8	75.3	99.5	83.2	148.3	82.7	0.723	57	184	SW by S	67	0.15	Do.
26	29.720	0.105	85.5	76.9	100.1	78.7	146.2	76.6	0.810	66	183	S S W	67	0.01	Passing clouds : th. N. W.
27	29.740	0.133	86.9	77.5	102.1	81.9	149.7	80.6	0.818	64	221	S by W	50	...	Passing clouds.
28	29.706	0.130	85.9	75.8	102.2	82.1	149.0	81.3	0.758	61	224	S S W	63	0.05	Light passing clouds : th. & lg. S. W.
29	29.655	0.148	89.5	74.7	100.3	78.9	147.3	77.8	0.661	47	304	W S W	73	...	Cloudy.
30	29.625	0.131	90.9	72.4	101.5	82.7	149.1	81.6	0.548	37	359	W by S	88	...	Do.
Mean	29.703	0.120	86.5	76.4	99.2	80.3	145.5	78.9	0.773	61	224	S S W	64	3.10	

Madras Meteorological Observations. 1876—July.

July 1876	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.628	0.133	90.3	73.2	103.0	81.7	150.6	79.9	0.589	41	305	SW by W	60	...	Passing clouds.
2	29.666	0.128	91.7	74.2	102.4	83.2	149.4	81.5	0.611	41	345	W S W	37	...	Do.
3	29.678	0.151	89.8	74.9	100.0	84.3	152.2	83.3	0.666	47	304	S W	73	...	Cloudy.
4	29.669	0.164	90.3	76.0	104.2	83.7	149.4	82.3	0.706	49	236	S W	82	0.04	Do.
5	29.654	0.139	86.4	75.4	101.7	81.2	144.4	78.5	0.733	58	175	S W	83	...	Do.
6	29.694	0.106	87.0	75.2	101.1	82.8	146.2	81.7	0.716	56	248	S S W	63	...	Do.
7	29.723	0.118	85.9	75.7	101.9	80.0	150.4	78.9	0.753	61	242	S by W	63	...	Do.
8	29.704	0.116	85.2	76.3	103.3	80.2	151.9	78.8	0.788	64	217	SW by W	63	...	Do.
9	29.702	0.096	84.3	74.8	92.6	77.6	133.1	74.6	0.735	62	224	SW by W	87	...	Do.
10	29.692	0.146	85.4	75.8	101.8	77.9	151.0	75.6	0.764	63	222	SW by S	60	0.01	Cloudy : lg. N. W.
11	29.694	0.109	85.9	75.5	100.2	80.0	149.9	77.4	0.743	60	226	S W	78	0.17	Cloudy : lg.
12	29.684	0.120	83.9	76.0	96.0	76.0	146.2	74.7	0.792	68	192	S W	85	0.04	Cloudy : lg. S.W.
13	29.688	0.120	84.1	75.9	99.4	79.5	149.6	78.7	0.785	67	184	S W	77	0.11	Cloudy.
14	29.748	0.121	83.5	75.6	100.9	79.0	149.6	77.5	0.781	68	146	SW by W	83	0.52	Cloudy : lg. : rain.
15	29.757	0.126	85.4	76.7	97.1	77.7	143.2	76.6	0.802	65	141	S S W	83	0.05	Cloudy : lg. N. W.
16	29.752	0.155	81.0	74.4	97.0	78.9	146.5	77.1	0.764	72	179	SW by S	85	0.79	Cloudy : lg. : rain.
17	29.725	0.147	82.0	74.4	90.5	73.8	145.6	73.7	0.750	69	202	SW by S	95	...	Cloudy.
18	29.702	0.149	85.8	74.8	96.5	77.9	137.7	75.8	0.715	58	233	S W	93	...	Do.
19	29.735	0.112	84.6	75.1	100.2	79.6	149.8	76.8	0.744	62	199	SW by S	57	...	Passing clouds.
20	29.769	0.124	84.8	75.7	101.1	79.6	150.6	77.6	0.768	64	217	S W	57	0.07	Do.
21	29.776	0.119	81.2	75.4	89.3	75.0	127.7	...	0.803	75	206	S W	85	0.10	Cloudy.
22	29.780	0.104	78.4	75.0	80.9	74.6	102.3	73.0	0.823	84	197	S by W	90	1.05	Cloudy : lg. W. : rain.
23	29.696	0.123	83.9	75.2	95.2	74.8	137.0	73.6	0.758	64	234	S W	80	0.03	Cloudy.
24	29.675	0.128	83.0	73.2	91.2	78.0	126.3	...	0.637	60	227	S W	95	...	Overcast.
25	29.698	0.107	80.8	73.3	92.3	79.0	142.9	77.5	0.720	68	250	S W	83	0.16	Cloudy.
26	29.695	0.113	83.5	73.6	94.1	75.9	149.2	73.6	0.700	60	231	SW by W	78	0.01	Do.
27	29.662	0.121	85.0	75.1	97.0	76.3	150.5	73.4	0.739	61	218	SW by W	70	...	Do.
28	29.682	0.127	87.0	75.0	99.9	80.7	151.3	78.6	0.707	55	228	West	73	0.01	Do.
29	29.721	0.129	85.1	75.6	99.7	78.8	149.2	75.6	0.759	63	206	SW by S	53	...	Passing clouds.
30	29.738	0.140	85.9	76.4	98.8	79.7	150.8	78.3	0.783	63	200	S by W	43	...	Do.
31	29.737	0.120	81.4	76.2	94.9	74.0	145.9	72.8	0.834	78	182	S S W	40	0.61	Passing clouds : rain.
Mean	29.707	0.126	84.9	75.1	97.6	78.8	144.5	77.2	0.743	62	220	S W	73	3.77	

Madras Meteorological Observations. 1876—August.

August 1876	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.743	0.107	83.9	76.8	92.2	77.2	147.5	76.0	0.827	72	189	S S W	33	...	Fine with light clouds.
2	29.765	0.092	83.2	76.3	92.5	76.0	149.9	74.4	0.814	71	134	S by W	30	...	Fine with passing clouds.
3	29.755	0.093	83.8	76.7	96.3	77.3	149.6	76.1	0.824	71	176	S by W	40	0.12	Passing clouds.
4	29.789	0.114	81.2	75.5	91.2	75.0	147.2	73.7	0.807	76	227	W S W	57	0.74	Cloudy day, fine night : rain.
5	29.796	0.123	84.1	77.6	91.3	77.9	146.7	75.7	0.860	73	116	S S W	73	...	Cloudy.
6	29.752	0.087	83.7	75.4	90.9	77.8	139.0	76.7	0.769	66	137	W S W	80	...	Do.
7	29.711	0.109	83.5	73.0	94.8	77.2	148.5	76.5	0.672	59	160	SW by W	87	...	Do.
8	29.719	0.074	88.5	74.9	96.6	78.2	149.6	76.7	0.751	65	185	SW by S	83	0.23	Cloudy : rain.
9	29.738	0.068	83.0	75.8	95.8	76.6	149.7	74.6	0.795	70	160	S by W	83	0.08	Cloudy.
10	29.760	0.088	83.6	76.0	96.2	79.1	146.9	77.1	0.797	69	189	South	87	...	Do.
11	29.743	0.116	84.1	76.3	99.2	78.9	149.4	78.0	0.803	68	162	S by W	67	0.01	Do.
12	29.712	0.173	84.7	75.9	99.7	77.2	148.3	75.2	0.777	65	176	S by W	57	...	Passing clouds.
13	29.740	0.106	84.8	76.1	97.4	79.6	141.7	78.0	0.784	65	163	S S W	60	...	Do.
14	29.783	0.119	84.6	76.5	99.4	79.1	146.6	78.5	0.805	68	170	South	47	0.04	Passing clouds : lg.
15	29.796	0.147	82.4	76.0	95.0	77.0	148.7	74.5	0.811	73	131	S S W	77	0.04	Cloudy.
16	29.777	0.109	83.3	74.1	91.7	76.1	125.1	75.0	0.720	63	156	W S W	83	...	Do.
17	29.743	0.125	84.3	74.7	98.5	77.8	151.2	75.6	0.732	62	154	S S W	67	0.03	Passing clouds.
18	29.701	0.155	84.3	75.2	98.4	76.7	147.6	74.2	0.753	64	218	S W	70	...	Cloudy.
19	29.675	0.153	86.3	74.8	99.1	79.5	150.3	78.7	0.710	57	223	W S W	67	0.03	Passing clouds : th. and lg.
20	29.715	0.129	84.4	75.0	98.0	78.7	148.3	76.8	0.742	62	208	S S W	50	...	Passing clouds.
21	29.723	0.121	85.5	74.7	98.2	79.7	148.5	78.6	0.715	58	201	South	33	...	Fine with passing clouds : lg. S. E.
22	29.723	0.136	84.9	75.6	98.0	76.8	148.1	75.6	0.762	63	192	S by E	33	...	Fine with passing clouds : lg. S. W.
23	29.713	0.123	86.0	75.1	99.8	78.8	148.8	77.7	0.725	58	172	South	57	...	Passing clouds : lg. W.
24	29.718	0.079	84.7	74.0	90.6	79.3	126.2	78.7	0.697	59	142	West	90	...	Cloudy.
25	29.690	0.124	84.9	74.8	97.6	77.8	148.8	76.3	0.728	61	144	SW by W	73	0.14	Do.
26	29.730	0.130	81.9	74.3	96.5	73.9	149.9	72.1	0.747	69	148	SW by S	67	0.79	Cloudy : lg. W. : rain.
27	29.744	0.135	82.9	75.1	91.5	72.8	134.3	70.9	0.767	68	138	S S W	63	...	Passing clouds.
28	29.788	0.134	81.3	76.1	88.3	78.0	112.3	76.9	0.832	78	120	S by W	95	...	Cloudy.
29	29.748	0.178	83.0	75.1	99.4	76.8	152.3	74.5	0.765	67	170	S W by S	70	0.64	Cloudy : th. and lg. : rain.
30	29.703	0.163	82.8	74.6	94.5	78.1	145.4	76.7	0.747	66	216	S W	80	0.11	Cloudy.
31	29.664	0.155	85.3	72.5	95.9	78.2	151.4	76.4	0.628	52	268	SW by W	80	...	Do.
Mean	29.737	0.121	83.9	75.3	95.6	77.5	145.1	76.0	0.763	66	172	SW by S	66	3.00	

Madras Meteorological Observations. 1876—September.

September 1876	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	•	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.669	0.138	83.9	74.7	97.2	79.4	151.9	77.5	0.737	63	256	SW by S	77	0.06	Cloudy.
2	29.716	0.150	83.9	75.3	96.7	78.2	151.1	75.5	0.763	65	223	S S W	70	0.01	Do.
3	29.747	0.129	84.1	76.0	97.4	78.9	150.7	78.0	0.790	68	174	South	67	0.16	Cloudy: th. and lg.
4	29.765	0.134	81.3	75.9	90.6	77.5	135.5	75.9	0.823	77	159	S by W	93	0.91	Cloudy: th. and lg.: rain.
5	29.777	0.148	83.3	75.3	94.2	73.3	144.6	71.6	0.771	67	192	S W	77	0.24	Cloudy with rain.
6	29.811	0.113	82.7	72.2	93.4	76.5	147.1	74.2	0.650	58	168	S by W	27	...	Fine with light clouds.
7	29.807	0.110	83.2	76.3	92.1	77.3	147.7	74.7	0.814	71	126	S by E	50	...	Passing clouds.
8	29.768	0.118	84.2	77.0	95.3	77.6	149.2	76.2	0.832	71	164	S by W	30	...	Fine with passing clouds.
9	29.763	0.096	84.9	76.6	98.0	79.4	148.3	78.0	0.805	67	156	S by W	60	...	Passing clouds.
10	29.755	0.147	85.3	75.3	96.1	79.8	146.3	78.8	0.744	61	180	South	53	...	Do.
11	29.745	0.139	84.9	77.3	94.4	79.7	147.3	78.4	0.836	70	189	South	63	...	Passing clouds: lg.
12	29.735	0.112	84.5	75.9	99.6	79.6	146.8	78.6	0.780	66	201	SW by S	90	...	Cloudy.
13	29.730	0.137	84.0	72.8	99.0	77.8	147.7	76.8	0.657	57	176	S by W	70	...	Do.
14	29.749	0.134	84.0	72.6	99.4	76.0	149.2	73.5	0.649	56	208	SW by S	17	...	Fine.
15	29.757	0.114	84.9	72.6	99.0	76.3	149.1	75.0	0.637	53	196	S S W	73	...	Hazy.
16	29.767	0.119	86.1	72.9	100.3	78.4	149.9	77.4	0.632	51	235	S S W	50	...	Passing clouds.
17	29.750	0.163	85.3	73.0	100.2	79.1	151.2	77.3	0.647	53	260	S S W	20	...	Fine.
18	29.760	0.110	85.2	75.0	97.2	78.0	147.1	76.6	0.732	60	210	South	40	...	Fine with light clouds.
19	29.817	0.110	85.5	74.9	98.1	79.5	149.6	78.1	0.724	59	196	S by E	37	...	Do.
20	29.833	0.138	86.3	76.9	101.3	80.9	148.4	80.0	0.799	63	138	S S E	57	...	Passing clouds: lg. W.
21	29.788	0.175	85.7	75.7	96.4	77.9	148.5	77.8	0.755	61	193	S S W	77	...	Cloudy.
22	29.777	0.139	86.5	76.4	96.8	80.4	151.2	79.5	0.775	61	148	South	43	...	Passing clouds.
23	29.817	0.146	85.9	76.8	96.5	81.0	149.0	77.8	0.800	65	152	South	58	0.03	Cloudy day, fine night.
24	29.855	0.133	83.4	76.6	93.8	78.0	148.1	75.1	0.825	72	95	S by E	77	0.52	Cloudy: rain.
25	29.840	0.134	83.0	77.9	89.7	80.1	147.0	78.7	0.889	79	83	S by W	60	1.10	Passing clouds: rain.
26	29.839	0.169	84.1	76.5	95.7	79.0	148.7	78.5	0.812	70	97	S S W	40	...	Passing clouds.
27	29.826	0.133	84.1	77.0	93.7	80.1	147.4	80.5	0.833	72	83	S E	40	...	Fine with passing clouds.
28	29.827	0.125	83.6	75.9	98.5	77.0	148.2	74.9	0.793	69	102	S S W	63	...	Cloudy.
29	29.833	0.145	84.2	78.0	91.3	78.0	146.1	75.7	0.877	75	176	S by E	27	...	Fine with passing clouds.
30	29.833	0.153	83.0	75.9	94.3	79.6	146.6	76.0	0.800	71	213	South	53	0.23	Passing clouds: thunderstorm.
Mean	29.782	0.134	84.4	75.5	96.2	78.5	148.0	76.9	0.766	65	172	S by W	55	3.26	

Madras Meteorological Observations. 1876—October.

October 1876	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.817	0.117	82.9	77.0	91.4	75.8	148.4	74.0	0.849	75	108	S by E	57	...	Passing clouds.
2	29.842	0.135	84.3	75.8	97.4	76.8	148.2	74.8	0.778	66	101	S by E	37	...	Fine with light clouds.
3	29.848	0.134	84.1	73.9	96.0	74.8	148.8	70.8	0.701	60	141	NE by E	27	...	Do.
4	29.840	0.125	82.9	75.8	92.1	76.8	149.2	74.3	0.797	71	117	N E	30	...	Fine with passing clouds.
5	29.828	0.128	82.2	75.1	91.2	77.0	151.1	74.6	0.777	71	95	NE by N	47	...	Passing clouds.
6	29.792	0.138	84.7	76.6	94.4	76.5	148.4	74.1	0.808	68	101	NE by E	77	...	Cloudy : lg. W.
7	29.723	0.138	80.6	72.6	95.0	72.0	148.6	71.8	0.695	67	83	S S E	90	0.59	Cloudy : th. : rain.
8	29.686	0.135	85.4	71.5	99.1	74.0	148.6	70.7	0.586	48	168	SW by W	57	...	Hazy.
9	29.723	0.114	85.3	73.9	98.7	76.4	147.8	73.7	0.684	56	198	South	53	...	Passing clouds.
10	29.805	0.098	84.8	74.8	97.4	76.8	154.2	74.2	0.729	61	171	South	40	...	Fine with passing clouds.
11	29.868	0.133	83.6	77.1	91.4	77.6	149.1	75.6	0.844	73	156	S S E	60	0.04	Fine day : cloudy night.
12	29.911	0.123	83.5	74.8	92.4	80.5	148.9	77.3	0.746	65	60	SE by S	83	0.01	Cloudy.
13	29.906	0.140	83.4	76.0	94.3	77.4	149.6	74.6	0.799	69	100	S S E	30	...	Passing clouds.
14	29.931	0.110	82.8	74.2	91.8	74.8	150.0	71.0	0.731	65	99	S E	23	...	Fine.
15	29.948	0.103	82.0	73.9	90.4	73.7	149.8	70.4	0.729	67	84	East	20	...	Do.
16	29.957	0.089	83.0	75.4	91.6	76.3	147.6	73.7	0.779	69	121	East	57	...	Passing clouds.
17	29.978	0.132	81.6	76.0	88.7	78.4	142.3	75.2	0.824	77	75	East	67	0.02	Cloudy.
18	29.968	0.131	83.1	76.1	91.4	76.6	149.9	75.0	0.807	71	86	East	43	0.02	Passing clouds.
19	29.963	0.116	83.2	75.7	90.6	75.8	149.9	72.9	0.789	69	109	East	20	...	Fine.
20	29.942	0.100	83.2	75.5	92.2	76.1	149.9	73.9	0.780	69	179	E N E	30	...	Fine with passing clouds.
21	29.952	0.111	82.0	74.1	91.7	74.0	150.6	70.6	0.737	67	138	E N E	30	...	Do.
22	29.952	0.094	83.1	73.9	92.3	75.5	148.9	73.6	0.714	63	139	E N E	17	...	Fine.
23	29.927	0.116	82.7	72.2	91.6	73.7	147.8	70.6	0.650	58	216	N E	27	...	Fine with passing clouds.
24	29.934	0.106	84.0	73.8	91.2	78.1	149.0	75.4	0.699	60	270	NE by N	33	...	Do.
25	29.932	0.110	81.8	71.2	90.9	72.8	149.4	69.1	0.623	59	249	NE by N	52	...	Passing clouds : lg. S. E.
26	29.903	0.134	79.7	72.8	85.8	74.8	110.4	73.1	0.716	70	230	N by E	100	...	Overcast : lg. E.
27	29.874	0.118	77.3	74.1	84.7	75.8	136.0	74.6	0.801	85	164	N by E	95	0.36	Cloudy : lg. N. E. and N. : rain.
28	29.852	0.107	79.7	73.6	86.0	76.7	121.3	74.4	0.748	74	206	N by E	97	...	Cloudy.
29	29.833	0.174	78.9	70.5	90.0	73.2	148.2	70.8	0.637	64	189	N by E	75	...	Do.
30	29.774	0.143	79.7	69.9	92.4	70.1	149.2	65.9	0.601	59	148	N by E	33	...	Fine with light clouds.
31	29.800	0.116	79.5	69.8	95.7	71.1	150.7	67.6	0.599	59	136	NE by N	27	...	Fine.
Mean	29.871	0.122	82.4	74.1	92.3	75.5	146.5	72.8	0.734	66	143	East	49	1.04	

Madras Meteorological Observations. 1876—November.

November 1876	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deducted		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.848	0.140	80.0	71.0	93.4	68.2	150.2	64.8	0.639	62	118	E by N	40	...	Fine with passing clouds.
2	29.883	0.133	81.6	73.8	92.8	71.8	149.0	67.7	0.730	68	109	E S E	27	...	Do.
3	29.910	0.099	81.1	72.1	91.2	72.1	150.5	68.6	0.668	62	159	E N E	30	...	Do.
4	29.923	0.123	80.9	72.2	90.1	70.0	149.1	66.6	0.674	63	176	NE by E	30	...	Do.
5	29.943	0.114	80.3	72.0	89.9	72.7	149.6	70.1	0.675	65	167	N E	40	...	Passing clouds.
6	29.921	0.106	80.9	71.2	89.6	72.0	147.5	68.8	0.634	61	230	NE by N	37	...	Fine with passing clouds.
7	29.902	0.086	81.8	72.8	91.0	75.3	147.9	73.6	0.687	63	199	NE by N	63	...	Cloudy.
8	29.942	0.110	79.9	73.3	84.7	77.3	118.2	75.6	0.733	72	215	N E	83	...	Do.
9	29.927	0.136	75.7	72.9	82.4	75.4	110.4	73.1	0.774	87	105	North	98	0.43	Overcast with rain.
10	29.872	0.119	74.6	72.2	82.9	71.4	120.1	69.9	0.759	88	112	N E	100	2.30	Overcast.
11	29.867	0.094	76.9	73.2	82.3	71.2	117.7	70.6	0.769	83	125	N by E	83	1.10	Cloudy: rain.
12	29.886	0.108	80.4	73.1	85.9	77.0	144.2	72.3	0.718	69	243	N N E	50	...	Passing clouds.
13	29.901	0.144	77.2	71.5	86.4	72.2	149.3	69.9	0.696	75	170	N by E	40	...	Do.
14	29.872	0.124	76.5	68.9	87.7	69.2	147.8	66.5	0.607	67	162	N by E	50	...	Fine with passing clouds.
15	29.884	0.119	76.4	68.9	87.1	68.2	147.3	65.0	0.608	67	142	N N E	47	...	Passing clouds.
16	29.934	0.107	74.8	68.0	85.5	66.1	144.7	63.0	0.595	69	151	N by E	50	...	Do.
17	29.945	0.113	76.8	69.3	85.9	67.9	149.1	64.3	0.617	67	188	N N E	50	...	Do.
18	29.954	0.137	77.1	68.5	86.0	68.8	148.1	65.6	0.583	63	223	N N E	47	...	Do.
19	29.955	0.143	77.2	67.9	86.1	69.1	146.6	65.2	0.560	60	232	N N E	47	...	Do.
20	29.970	0.117	77.1	66.0	86.5	67.0	145.1	63.6	0.492	53	198	NE by N	37	...	Fine with passing clouds.
21	29.987	0.099	75.1	67.8	86.8	66.0	147.1	62.2	0.583	67	140	N by E	47	...	Passing clouds.
22	29.931	0.134	74.4	67.5	85.2	66.4	145.7	62.7	0.582	68	158	N by E	37	...	Do.
23	29.866	0.161	73.2	63.7	85.5	63.4	147.7	59.5	0.465	57	126	N by E	47	...	Do.
24	29.905	0.126	74.5	65.3	85.4	61.1	145.5	56.9	0.502	53	105	South	27	...	Fine with passing clouds.
25	29.972	0.134	75.7	67.6	84.7	64.8	148.2	60.7	0.569	64	114	E N E	38	...	Passing clouds.
26	30.000	0.108	75.4	67.6	86.6	65.9	145.3	62.3	0.573	65	117	NE by E	20	...	Fine.
27	29.982	0.120	76.1	68.4	85.5	65.3	145.5	61.7	0.592	65	186	NE by N	23	...	Fine with passing clouds.
28	29.960	0.143	78.3	72.1	88.2	68.6	146.8	65.2	0.706	73	191	N N E	60	...	Passing clouds.
29	29.965	0.114	74.7	71.8	80.2	72.8	109.5	71.8	0.742	86	207	NE by N	97	1.27	Overcast.
30	29.990	0.109	78.2	72.7	83.6	73.5	142.1	71.8	0.731	76	199	E N E	67	0.20	Cloudy.
Mean	29.927	0.121	77.4	70.1	86.6	69.7	141.9	66.7	0.642	68	166	NE by N	50	5.30	

Madras Meteorological Observations. 1876—December.

December 1876	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Cents	Points	Inches	
1	29.987	0.136	75.6	71.0	83.1	70.4	142.4	68.3	0.699	79	116	NE by N	37	...	Fine with light clouds.
2	29.972	0.124	74.2	68.5	83.0	67.5	142.5	64.4	0.622	73	123	N E by N	15	...	Fine.
3	29.995	0.113	73.4	67.2	82.1	64.1	142.1	61.2	0.585	71	126	N E	23	...	Fine with passing clouds.
4	30.006	0.110	74.3	67.2	83.7	66.4	148.2	63.3	0.573	68	97	NE by E	27	...	Do.
5	30.032	0.090	74.1	65.8	82.9	63.1	144.0	59.8	0.525	62	141	NE by E	37	...	Do.
6	30.084	0.092	76.3	66.9	84.2	70.0	146.2	65.6	0.534	59	190	NE by N	43	...	Passing clouds.
7	30.083	0.111	75.1	66.3	84.0	65.4	145.2	61.5	0.531	60	220	N N E	33	...	Fine with passing clouds.
8	30.017	0.138	75.0	66.6	84.1	67.2	147.2	63.6	0.542	62	208	NE by N	40	...	Passing clouds.
9	30.007	0.122	74.2	66.5	84.3	63.9	144.6	60.6	0.549	65	217	N N E	60	...	Cloudy.
10	30.021	0.118	74.9	68.8	85.0	68.1	145.1	66.4	0.624	72	224	N by E	50	...	Fine day: cloudy night.
11	30.038	0.095	75.9	67.6	84.4	65.9	144.5	62.4	0.566	63	202	NE by N	50	...	Passing clouds.
12	30.032	0.118	75.3	68.2	85.0	67.4	143.8	63.4	0.596	68	191	NE by N	33	...	Fine with passing clouds.
13	30.014	0.127	74.6	67.6	83.9	65.1	143.6	61.4	0.583	68	156	NE by N	33	...	Do.
14	30.017	0.122	74.6	66.8	84.7	64.3	144.7	60.6	0.554	65	185	N E	40	...	Do.
15	30.010	0.136	74.0	65.4	84.4	65.6	146.2	61.9	0.513	61	199	NE by N	40	...	Passing clouds.
16	29.984	0.124	75.8	66.5	84.7	61.8	142.0	61.7	0.527	59	199	N N E	47	...	Fine with passing clouds.
17	29.979	0.118	72.9	65.1	85.3	64.0	148.2	59.6	0.516	64	192	N N E	50	...	Passing clouds.
18	29.972	0.095	73.2	64.4	85.1	62.9	147.7	59.0	0.488	59	185	N N E	60	...	Do.
19	29.960	0.122	73.2	64.7	84.3	64.6	146.8	61.4	0.499	61	167	N by E	53	...	Do.
20	29.972	0.128	72.9	65.2	83.8	62.8	145.9	58.1	0.520	64	173	N N E	47	...	Do.
21	29.999	0.111	73.1	65.7	85.4	63.1	142.9	58.9	0.534	65	172	N N E	40	...	Do.
22	29.996	0.118	76.8	69.3	84.8	69.0	146.5	66.4	0.617	67	288	N by E	53	...	Do.
23	29.997	0.124	76.2	68.9	81.6	70.3	122.4	68.9	0.610	68	333	N by E	77	...	Cloudy.
24	30.039	0.091	75.9	69.5	79.7	71.6	113.5	70.1	0.636	71	348	N N E	88	0.06	Do.
25	30.042	0.118	74.6	70.1	81.3	71.0	127.5	68.9	0.676	79	244	N by E	80	0.02	Do.
26	30.036	0.118	76.0	71.1	82.0	72.4	124.3	71.4	0.697	77	267	N N E	83	0.03	Do.
27	30.043	0.141	76.5	68.0	83.8	71.3	145.3	68.8	0.572	62	243	NE by N	50	...	Passing clouds.
28	30.029	0.121	75.2	67.1	84.6	67.9	147.2	64.0	0.557	64	174	NE by N	40	...	Fine with passing clouds.
29	30.041	0.121	74.0	67.1	86.0	65.0	145.8	61.3	0.572	68	162	N N E	37	...	Do.
30	30.043	0.118	75.1	68.1	84.5	66.9	147.5	62.9	0.594	68	207	N N E	37	...	Passing clouds.
31	30.043	0.099	74.6	66.7	84.5	64.4	145.6	60.7	0.550	64	200	N N E	30	...	Fine with passing clouds.
Mean	30.016	0.117	74.8	67.4	83.9	66.7	142.4	63.4	0.573	66	198	N N E	46	0.11	

Madras Mean Monthly and Annual Meteorological Results in 1876.

	Barometer		Dry Bulb Thermometer				Wet Bulb		Tension of Vapour	Relative Humidity	Sun Maximum	Minimum on Grass	Wind		Rain		Clear Sky		
	Reduced to 32°	Daily Range	Mean	Max.	Min.	Range	Mean	Min.	By Blanford's Tables	Inches			Cents	Miles	Points	Points		Inches	No.
January	Inches	Inches	°	°	°	°	°	°	Inches	Cents	°	°							
29-972	0.124	0.124	74.1	84.7	65.3	19.4	67.6	63.3	0.591	70	147.5	61.9	129	4	N E	0.12	1	65	
February	0.126	0.126	74.2	85.7	63.6	22.1	67.3	62.1	0.580	68	145.0	60.1	95	9	E by S	...	...	87
March	0.137	0.137	81.6	90.8	74.1	16.7	75.1	72.0	0.784	72	142.7	71.4	173	13	S E by S	...	...	82
April	0.139	0.139	84.8	93.4	78.4	15.0	78.0	75.8	0.868	72	140.5	76.1	217	13	S E by S	0.71	1	78	
May	0.126	0.126	87.5	100.6	81.5	19.1	77.4	74.6	0.808	64	144.4	80.3	238	16	South	1.19	5	58	
June	0.120	0.120	86.5	99.2	80.3	18.9	76.4	73.2	0.773	61	145.5	78.9	224	18	S S W	3.10	14	36	
July	0.126	0.126	84.9	97.6	78.8	18.8	75.1	72.5	0.743	62	144.5	77.2	220	20	S W	3.77	16	27	
August	0.121	0.121	83.9	95.6	77.5	18.1	73.3	72.6	0.763	66	145.1	76.0	172	19	S W by S	3.00	13	34	
September	0.134	0.134	84.4	96.2	78.5	17.7	75.5	72.5	0.766	65	148.0	76.9	172	17	S by W	3.26	9	45	
October	0.122	0.122	82.4	92.3	75.5	16.8	74.1	71.5	0.734	66	146.5	72.8	143	8	East	1.04	6	51	
November	0.121	0.121	77.4	86.6	69.7	16.9	70.1	66.8	0.642	68	141.9	66.7	166	3	N E by N	5.30	5	50	
December	0.117	0.117	74.8	83.9	66.7	17.2	67.4	63.7	0.573	66	142.4	63.4	198	2	N N E	0.11	3	54	
Annual	0.126	0.126	81.4	92.2	74.2	18.1	73.3	70.1	0.719	67	144.5	71.8	179	12	S E	21.60	73	56	

Madras Extreme Monthly Meteorological Records in 1876.

	Barometer				Dry Bulb Thermometer				Wet Bulb		Humidity		Sun Thermometer		Grass Thermometer		Wind				Rain			
	Highest		Lowest		Range		Highest		Lowest		Lowest		Lowest		Highest		Lowest		Highest		Lowest			
	Inches	Day	Inches	Day	Inches	Day	°	Day	°	Day	Cents	Day	°	Day	°	Day	Miles	Day	Miles	Day	Inches	Day		
January ...	30.128	15	29.841	27	0.287		90.4	26	57.6	27	55.5	27	31	28	153.7	19	52.3	27	281	11	36	25	0.12	2
February..	30.134	9	29.803	18	0.331		92.8	24	58.5	14	56.9	14	43	7	148.5	7	54.4	17	145	25	55	15	...	...
March	30.057	14	29.675	25	0.382		97.7	25	66.0	1	64.2	1	44	23	148.6	20	61.9	1	241	26	92	10	...	...
April	29.942	3	29.612	18	0.330		97.0	18	74.5	5	72.5	22	46	18	145.0	29	71.0	5	286	2	79	30	0.71	30
May	29.838	23	29.531	6	0.307		109.1	15	76.9	7	69.3	7	26	29	157.5	29	73.4	7	300	17	112	1	0.73	31
June	29.826	18	29.552	30	0.274		105.3	6	71.0	1	69.4	1	31	30	150.5	24	70.9	1	359	30	156	2	1.43	13
July	29.831	20	29.558	1	0.273		104.2	4	73.8	17	70.1	1	31	1	152.2	3	72.8	31	345	2	141	15	1.05	22
August	29.864	15	29.587	19	0.277		99.8	23	72.8	27	70.2	27	38	25	152.3	29	70.9	27	268	31	116	5	0.79	26
September	29.913	26	29.598	1	0.315		101.3	20	73.3	5	67.0	15	34	16	151.9	1	71.6	5	260	17	83	27	1.10	25
October	30.034	17	29.618	8	0.416		99.1	8	70.1	30	66.1	30	24	8	154.2	10	65.9	30	270	24	60	12	0.59	7
November.	30.050	26	29.783	1	0.267		93.4	1	61.1	24	57.9	24	37	1	150.5	3	56.9	24	243	12	105	9	2.30	10
December.	30.144	7	29.902	19	0.242		86.0	29	62.8	20	59.9	18	48	16	148.2	17	58.1	20	348	24	97	4	0.06	24

Madras Meteorological Observations. 1877—January.

January 1877	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather.
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	30.044	0.118	73.4	65.1	83.8	62.2	144.7	59.5	0.511	62	144	NE by N	30	...	Fine with passing clouds.
2	30.032	0.110	71.9	63.3	83.5	62.0	146.4	58.9	0.469	59	175	NE by N	50	...	Passing clouds.
3	30.033	0.123	70.9	62.9	83.5	61.7	146.5	58.2	0.468	62	159	NE by N	37	...	Fine with passing clouds.
4	30.031	0.114	73.3	64.7	84.7	62.1	146.1	59.0	0.498	61	144	NE by N	27	...	Fine.
5	30.045	0.118	73.9	66.5	84.5	61.9	146.5	58.8	0.552	66	183	NE by N	13	...	Do.
6	30.066	0.114	73.2	66.4	85.0	63.8	145.2	60.9	0.559	67	158	NE by N	33	...	Fine with passing clouds.
7	30.075	0.110	74.8	67.2	85.7	65.5	147.0	62.8	0.567	65	200	NE by N	20	...	Fine.
8	30.061	0.134	74.8	66.5	84.4	65.1	144.2	62.2	0.541	62	235	NE by N	37	...	Fine with passing clouds.
9	30.037	0.124	74.6	66.5	84.5	64.8	142.4	62.9	0.544	63	185	NE by N	47	...	Passing clouds : fine night.
10	30.001	0.145	75.5	68.8	85.6	66.3	144.6	63.7	0.615	70	203	N E	30	...	Fine with light clouds.
11	30.009	0.108	77.0	71.6	85.8	70.8	145.9	68.6	0.703	75	179	E N E	57	...	Passing clouds.
12	30.023	0.129	77.7	72.8	85.2	74.1	145.6	72.8	0.742	78	99	E S E	60	0.01	Do.
13	30.007	0.132	77.3	73.2	84.4	71.6	141.3	70.2	0.764	82	120	S E	53	...	Cloudy day : fine night.
14	30.023	0.113	76.6	72.5	85.5	69.9	145.1	66.9	0.745	82	149	S E	23	...	Fine.
15	30.063	0.111	77.1	72.0	86.3	69.3	144.5	67.5	0.718	77	120	E S E	20	...	Do.
16	30.078	0.131	77.8	72.1	84.9	71.1	144.7	69.4	0.713	75	137	East	33	...	Fine with passing clouds.
17	30.088	0.112	79.3	72.5	86.1	74.7	143.5	72.7	0.709	71	182	E N E	27	...	Do.
18	30.093	0.105	78.1	71.4	86.2	73.9	147.4	72.1	0.680	71	190	NE by E	30	...	Do.
19	30.097	0.100	77.3	68.9	86.6	67.9	141.6	64.9	0.595	63	202	NE by E	37	...	Do.
20	30.045	0.118	77.0	69.8	85.7	70.4	144.4	67.2	0.633	68	210	N E	53	...	Light passing clouds.
21	30.030	0.140	77.3	69.9	86.6	70.1	144.7	67.9	0.633	68	193	N E	33	...	Fine with light clouds.
22	30.014	0.121	77.8	69.9	85.6	70.9	143.4	68.4	0.627	65	182	NE by E	30	...	Fine with passing clouds.
23	30.034	0.101	76.9	69.9	86.1	68.8	146.7	65.8	0.639	69	196	E N E	37	...	Do.
24	30.050	0.110	78.5	71.0	86.0	73.9	144.2	71.8	0.659	68	267	N E	47	...	Passing clouds.
25	30.027	0.134	77.1	69.9	85.0	72.0	145.3	69.8	0.636	68	224	NE by N	50	...	Do.
26	30.020	0.137	75.4	67.8	85.5	66.0	143.3	62.5	0.580	66	120	N E	40	...	Do.
27	30.056	0.112	75.7	67.8	86.5	65.1	143.7	62.7	0.575	65	148	N E	33	...	Fine with passing clouds.
28	30.045	0.148	76.4	68.4	85.9	65.9	144.7	62.8	0.589	64	132	N E	37	...	Do.
29	29.995	0.119	75.8	68.3	86.4	66.6	145.9	63.8	0.593	66	104	NE by E	40	...	Passing clouds.
30	29.993	0.104	75.6	68.8	86.3	66.2	142.3	63.6	0.615	70	70	E N E	30	...	Fine with light clouds.
31	29.999	0.081	76.5	69.0	86.6	66.5	143.9	63.9	0.609	67	58	E by N	33	...	Passing clouds.
Mean	30.039	0.119	75.9	68.9	85.4	67.8	144.7	65.2	0.616	68	163	NE by E	36	0.01	

Madras Meteorological Observations. 1877—February.

February 1877	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.944	0.097	76.5	68.3	86.1	67.2	145.8	64.0	0.583	63	95	E S E	17	...	Fine with light clouds.
2	29.863	0.154	75.9	68.8	86.5	65.4	146.2	62.1	0.610	69	140	S E	13	...	Fine.
3	29.865	0.141	78.1	71.4	85.3	70.7	143.5	67.6	0.680	71	189	S E	50	...	Passing clouds.
4	29.824	0.156	79.8	73.4	89.5	73.3	143.2	70.1	0.738	72	208	SE by S	47	...	Do.
5	29.812	0.154	81.2	73.7	92.2	75.7	143.5	73.9	0.732	69	219	S S E	37	...	Fine with light clouds.
6	29.856	0.109	80.0	74.4	86.7	76.1	143.8	74.4	0.777	76	239	S S E	37	...	Do.
7	29.875	0.155	80.0	74.1	87.7	73.5	144.2	70.7	0.764	74	203	S S E	33	...	Fine with passing clouds.
8	29.919	0.136	79.7	72.4	90.3	74.2	146.5	71.7	0.699	69	160	S S E	43	...	Passing clouds.
9	29.931	0.115	78.8	71.6	88.0	71.2	147.7	67.8	0.679	69	149	S E	47	...	Do.
10	29.970	0.112	77.7	70.3	86.3	69.1	143.8	65.7	0.643	67	132	E S E	23	...	Fine with passing clouds.
11	29.967	0.120	78.6	70.4	87.6	70.6	146.3	68.3	0.635	64	183	S E	30	...	Fine with light clouds.
12	29.932	0.158	78.9	71.2	87.4	71.2	146.5	68.7	0.662	67	222	SE by S	27	...	Do.
13	29.947	0.111	78.5	71.8	87.4	71.7	148.9	68.5	0.691	71	196	S E	30	...	Do.
14	30.043	0.089	78.8	71.5	86.6	71.6	148.0	69.0	0.675	69	146	SE by E	30	...	Fine with passing clouds.
15	30.066	0.131	81.2	72.1	88.1	76.9	148.8	74.6	0.667	62	192	East	33	...	Do.
16	30.048	0.115	79.6	71.7	88.2	70.4	148.9	67.4	0.671	66	182	E N E	37	...	Do.
17	30.067	0.097	81.2	72.1	88.3	75.9	149.2	73.4	0.667	62	214	E by N	27	...	Do.
18	30.092	0.116	79.0	70.8	88.5	73.6	146.6	70.6	0.646	65	210	E by N	30	...	Do.
19	30.103	0.131	78.2	69.5	88.0	68.4	146.6	65.7	0.605	62	159	E by N	47	...	Do.
20	30.115	0.094	78.4	70.3	86.6	68.9	144.4	65.8	0.634	65	129	E by N	43	...	Passing clouds.
21	30.063	0.118	78.2	70.3	87.0	69.4	146.0	66.6	0.635	65	150	E by N	53	...	Fine day : cloudy night.
22	30.059	0.089	78.6	69.8	87.9	71.6	148.1	68.0	0.612	62	121	East	17	...	Fine.
23	30.014	0.149	77.9	69.5	87.2	68.2	147.8	65.6	0.609	63	103	East	10	...	Do.
24	30.037	0.097	77.6	69.4	86.3	68.2	147.4	65.3	0.610	64	131	E by N	27	...	Fine with passing clouds.
25	30.039	0.124	78.4	69.1	87.3	68.9	146.6	65.6	0.588	60	192	E N E	30	...	Do.
26	30.048	0.122	78.5	69.1	87.7	68.3	147.9	65.4	0.587	60	146	E N E	27	...	Do.
27	30.032	0.122	78.4	68.0	88.5	67.7	149.4	65.2	0.546	56	174	N E	27	...	Do.
28	30.025	0.121	76.7	67.0	86.6	67.2	146.4	64.2	0.533	58	102	E N E	20	...	Fine.
Mean	29.984	0.123	78.7	70.8	87.6	70.9	146.5	68.1	0.649	66	167	E S E	32	Nil.	

Madras Meteorological Observations. 1877—March.

March 1877	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	30.020	0.109	78.0	68.9	89.7	67.5	148.8	65.1	0.586	61	123	East	13	...	Fine.
2	30.016	0.123	78.5	70.3	88.3	68.5	148.0	65.5	0.633	64	118	E by N	13	...	Do.
3	30.011	0.127	78.3	69.8	88.8	67.6	149.1	64.7	0.616	63	114	E by N	3	...	Clear.
4	29.957	0.118	79.0	70.8	88.7	70.1	147.8	67.9	0.644	65	156	E S E	27	...	Fine.
5	29.911	0.145	79.1	70.4	89.9	70.1	148.2	67.7	0.629	62	203	SE by S	10	...	Do.
6	29.956	0.121	79.3	71.4	88.1	71.0	147.1	67.7	0.664	66	177	S S E	13	...	Do.
7	29.997	0.136	78.7	71.0	88.8	70.8	147.3	67.7	0.657	67	123	SE by E	47	...	Passing clouds.
8	29.962	0.141	78.9	71.8	89.4	69.1	148.5	65.9	0.686	70	112	SE by E	3	...	Clear.
9	29.937	0.142	77.9	70.9	88.3	68.3	146.9	64.9	0.664	70	123	S E	7	...	Fine.
10	29.953	0.130	77.0	69.5	88.7	67.3	149.2	64.7	0.621	67	108	S E	7	...	Do.
11	29.921	0.137	75.7	66.4	87.3	64.8	149.2	60.7	0.525	59	152	S E	0	...	Clear.
12	29.952	0.112	77.0	68.0	86.0	64.8	148.9	61.5	0.566	61	166	S E	3	...	Do.
13	29.991	0.111	79.4	72.3	89.1	69.8	142.5	66.8	0.699	70	209	E S E	20	...	Fine.
14	29.983	0.123	80.6	74.3	88.7	74.4	143.5	72.7	0.765	73	151	E S E	58	...	Passing clouds.
15	29.952	0.135	81.8	74.7	88.4	76.9	143.3	75.0	0.766	71	218	SE by E	43	...	Do.
16	29.973	0.138	79.9	73.6	86.7	73.0	131.8	70.8	0.745	73	141	E S E	67	...	Cloudy.
17	29.954	0.123	81.2	74.2	90.6	74.7	146.0	73.0	0.753	71	166	E S E	67	...	Passing clouds.
18	29.967	0.098	81.2	74.4	90.8	75.0	145.1	74.0	0.761	71	163	E S E	50	...	Do.
19	29.945	0.115	81.3	73.7	89.8	73.2	149.1	70.9	0.731	69	186	S E	23	...	Fine with light clouds.
20	29.939	0.107	81.0	72.8	90.6	72.6	149.6	69.6	0.697	66	178	S E	7	...	Clear.
21	29.911	0.146	79.5	71.3	90.7	69.7	143.5	66.8	0.658	66	170	SE by S	7	...	Fine.
22	29.894	0.111	79.2	70.3	89.4	69.1	143.8	66.1	0.624	61	198	SE by S	0	...	Clear.
23	29.947	0.112	79.3	70.0	87.7	69.9	140.6	66.9	0.610	60	160	SE by S	10	...	Fine.
24	29.949	0.140	79.1	70.6	87.5	70.1	135.4	67.8	0.636	64	181	SE by E	17	...	Do.
25	29.908	0.154	80.7	74.0	90.0	72.0	135.1	70.3	0.751	72	210	S E	10	...	Do.
26	29.882	0.146	81.9	75.9	89.9	76.2	134.0	74.1	0.815	75	234	SE by S	23	...	Fine with passing clouds.
27	29.906	0.127	81.6	74.6	89.6	73.4	141.4	70.8	0.764	71	197	S E	17	...	Fine.
28	29.877	0.142	82.3	75.8	91.5	74.7	136.8	72.5	0.805	73	242	S E	27	...	Fine with light clouds.
29	29.874	0.140	82.3	77.6	87.7	80.2	134.3	78.9	0.885	80	232	SE by S	73	0.03	Cloudy.
30	29.882	0.151	82.7	76.5	90.3	78.4	133.8	76.6	0.830	74	291	SE by S	70	...	Cloudy : lg. W.
31	29.909	0.128	82.7	75.3	90.2	79.2	136.8	78.0	0.778	69	248	S E	60	...	Passing clouds.
Mean	29.943	0.129	79.8	72.3	89.1	71.7	143.5	69.2	0.696	68	176	SE by E	26	0.03	

Madras Meteorological Observations. 1877—April.

April 1877	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Humi- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.965	0.118	83.3	74.6	90.9	79.2	143.2	77.9	0.740	65	231	SE by E	33	...	Fine with passing clouds.
2	30.007	0.102	83.1	75.0	91.8	75.9	140.4	74.0	0.761	67	196	East	40	...	Passing clouds.
3	29.984	0.121	84.5	76.2	91.2	79.3	135.2	78.0	0.793	67	194	E by S	47	...	Do.
4	29.995	0.123	84.2	76.0	91.5	79.7	141.7	78.4	0.788	67	216	E by S	30	...	Fine with passing clouds.
5	29.924	0.148	83.0	75.5	92.2	76.2	147.4	75.0	0.783	69	170	E S E	45	...	Light passing clouds.
6	29.891	0.155	83.1	75.8	91.4	77.0	139.6	74.9	0.794	70	191	S E	50	...	Do.
7	29.846	0.148	83.6	76.9	90.9	78.2	138.4	76.3	0.835	73	248	S E	53	...	Passing clouds.
8	29.806	0.179	84.4	78.1	91.0	80.6	136.4	79.7	0.878	74	282	S S E	63	...	Do.
9	29.846	0.117	85.1	78.7	91.6	81.0	141.3	79.9	0.895	74	302	SE by S	60	...	Do.
10	29.905	0.099	83.5	77.7	91.1	79.5	140.6	77.9	0.873	76	272	SE by S	73	...	Cloudy.
11	29.927	0.144	84.1	77.2	90.7	80.0	142.8	78.7	0.841	72	275	S E	40	...	Fine with light clouds.
12	29.906	0.156	84.3	76.0	90.6	79.3	139.6	77.8	0.787	67	221	S E	23	...	Fine.
13	29.908	0.137	82.3	74.3	91.4	75.0	139.2	72.5	0.742	67	196	S E	22	...	Fine with light clouds.
14	29.923	0.131	82.9	74.8	91.3	75.4	141.6	72.7	0.755	67	180	S E	27	...	Fine with passing clouds.
15	29.928	0.125	82.6	74.8	93.2	73.8	147.7	71.1	0.758	68	164	SE by E	40	...	Passing clouds.
16	29.938	0.112	82.4	74.5	91.0	74.8	145.8	72.4	0.748	67	165	SE by E	27	..	Fine.
17	29.930	0.112	82.3	73.3	91.1	72.8	141.8	71.6	0.700	63	193	SE by E	27	...	Fine with passing clouds.
18	29.925	0.130	82.1	74.5	91.3	74.3	134.4	71.8	0.753	69	175	SE by E	23	...	Fine.
19	29.932	0.134	83.2	74.7	92.2	75.6	134.8	73.3	0.746	65	147	SE by E	20	...	Do.
20	29.895	0.104	83.5	75.2	93.4	74.8	130.1	72.2	0.764	66	199	S E	17	...	Do.
21	29.857	0.117	84.0	75.4	91.4	77.0	136.4	74.8	0.766	66	246	SE by S	17	...	Do.
22	29.807	0.124	82.9	75.3	91.5	75.0	129.4	72.5	0.776	69	229	SE by S	20	...	Fine with light clouds.
23	29.806	0.123	83.0	75.2	90.7	76.2	131.9	73.8	0.770	68	202	SE by S	33	...	Fine with passing clouds.
24	29.830	0.128	82.4	74.9	91.1	74.6	139.6	71.8	0.765	69	153	SE by E	57	...	Light passing clouds.
25	29.822	0.128	83.1	75.1	92.5	74.0	141.5	71.6	0.765	67	161	SE by E	50	...	Fine with passing clouds.
26	29.792	0.124	83.4	75.6	92.9	76.4	141.8	73.6	0.782	68	183	SE by E	60	...	Light passing clouds.
27	29.813	0.120	83.1	75.2	91.9	74.9	137.2	72.0	0.769	67	162	S E	20	...	Fine.
28	29.849	0.099	83.3	75.1	91.6	74.3	132.1	71.6	0.762	66	183	S E	20	...	Fine with light clouds.
29	29.842	0.120	83.6	76.2	92.4	75.9	130.0	73.7	0.805	69	199	SE by E	3	...	Clear.
30	29.856	0.104	84.5	75.8	93.1	74.8	132.8	72.5	0.775	65	155	E S E	40	...	Fine with passing clouds.
Mean	29.889	0.126	83.4	75.6	91.6	76.5	138.5	74.5	0.782	68	203	SE by E	36	Nil.	

Madras Meteorological Observations. 1877—May.

May 1877	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.833	0.105	84.2	75.1	93.0	76.7	134.7	74.2	0.750	64	205	S E	20	...	Fine.
2	29.811	0.122	83.0	74.4	91.5	75.4	133.9	72.1	0.737	65	203	S E	10	...	Do.
3	29.852	0.086	84.5	76.3	92.1	77.4	130.9	74.9	0.797	67	215	SE by S	20	...	Do.
4	29.865	0.117	83.6	77.2	93.0	75.7	140.0	72.9	0.848	73	222	S E	30	...	Fine with light clouds.
5	29.825	0.128	84.9	76.3	96.7	77.4	142.9	74.7	0.792	66	225	S S E	40	...	Light passing clouds.
6	29.780	0.162	85.7	77.4	96.7	78.2	129.5	75.8	0.829	67	243	S S E	20	...	Fine.
7	29.765	0.102	86.2	78.7	92.6	81.9	137.5	80.6	0.881	70	268	S S E	87	...	Cloudy.
8	29.826	0.112	85.6	78.2	92.8	82.6	134.1	81.6	0.866	70	267	SE by S	47	...	Fine with passing clouds.
9	29.846	0.136	83.3	75.8	91.9	76.0	138.0	73.5	0.792	69	169	S E	33	...	Fine with light clouds.
10	29.829	0.106	83.8	75.6	90.8	76.0	146.4	73.0	0.776	67	184	SE by S	40	...	Passing clouds.
11	29.774	0.139	85.0	76.9	93.3	77.1	141.4	74.0	0.817	68	208	SE by S	40	...	Light passing clouds.
12	29.794	0.122	84.0	77.2	93.0	76.6	140.7	73.6	0.845	72	200	SE by S	57	...	Do.
13	29.804	0.082	84.7	77.1	94.2	77.4	138.7	74.6	0.830	70	128	S E	60	...	Do.
14	29.784	0.113	82.4	75.3	91.5	76.3	119.7	73.6	0.783	71	50	S E	88	...	Cloudy.
15	29.730	0.090	83.8	72.3	91.8	75.2	113.3	72.7	0.639	55	200	N N E	97	0.48	Overcast : threatening : th. and lg.
16	29.669	0.091	77.1	74.8	83.1	77.5	101.2	76.8	0.833	90	324	N by W	100	1.52	Overcast and stormy : th. and lg.
17	29.554	0.098	76.1	74.8	78.1	75.1	91.7	74.6	0.846	94	540	N N W	100	6.17	Stormy : lg.
18	29.502	0.064	75.8	74.3	77.1	75.2	...	67.6	0.829	93	612	West	100	13.01	Cyclone : very heavy rain.
19	29.682	0.074	81.6	75.8	90.2	75.9	138.3	72.9	0.815	76	337	S by W	90	0.01	Cloudy.
20	29.794	0.113	83.6	77.1	92.4	78.2	142.5	76.7	0.844	73	227	South	30	...	Fine with light clouds.
21	29.850	0.113	85.2	79.1	95.8	79.1	147.4	77.6	0.913	75	182	South	53	...	Passing clouds.
22	29.853	0.172	84.4	78.5	91.3	80.3	146.3	79.2	0.896	76	231	South	47	0.08	Passing clouds : th. & lg.
23	29.832	0.135	85.4	77.5	100.3	78.8	147.4	77.8	0.838	68	171	S S W	38	...	Fine with passing clouds : th.
24	29.806	0.137	87.0	78.9	100.7	80.8	144.1	79.7	0.880	69	242	S by W	23	...	Fine : lg. S. W.
25	29.787	0.141	88.9	78.6	107.3	80.6	141.8	79.9	0.840	62	265	SW by S	30	...	Fine lg. W.
26	29.741	0.099	89.1	78.3	106.2	81.5	136.0	79.6	0.824	60	235	S S W	27	...	Fine : lg. S. W
27	29.762	0.138	88.5	77.9	104.7	82.6	141.1	81.6	0.814	61	253	S S W	17	...	Do. : do.
28	29.776	0.131	87.7	79.5	105.5	80.8	136.8	79.3	0.897	69	240	S by W	37	...	Fine with light clouds : lg. W. & S.
29	29.819	0.108	87.4	79.0	104.7	80.7	137.7	79.6	0.878	67	215	S by E	37	...	Fine with light clouds.
30	29.813	0.145	87.6	78.8	103.6	80.7	141.4	79.6	0.867	67	252	S by E	20	...	Fine : lg. S. W.
31	29.826	0.116	87.0	77.2	102.1	81.4	141.7	80.1	0.803	62	232	South	47	...	Passing clouds.
Mean	29.780	0.116	84.4	76.9	94.8	78.4	135.2	76.3	0.826	70	243	South	48	21.27	

Note.—A heavy Cyclone reached the coast to the north of Masulipatam on the 19th. The greatest hourly velocity of the wind at Madras was 34 miles at 2 P.M. on the 18th when the direction was from W. S. W., and the lowest reduced barometric reading was 29.43 at 4 P.M. on the same day. For an account of the Cyclone, see "Report on the Madras Cyclone of 1877" by J. Eliot.

Madras Meteorological Observations. 1877—June.

June 1877	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.777	0.105	87.5	77.2	103.5	81.7	140.8	80.8	0.796	61	218	S by W	20	...	Fine.
2	29.733	0.089	87.5	77.1	101.6	80.6	135.1	79.8	0.791	61	229	South	20	...	Do.
3	29.731	0.119	88.0	77.9	100.4	81.0	147.8	80.2	0.821	62	201	South	20	...	Do.
4	29.733	0.107	87.3	78.2	101.5	82.5	142.6	81.9	0.844	65	221	South	37	...	Fine with passing clouds : lg. S. W.
5	29.762	0.095	88.0	78.2	97.3	82.0	144.0	81.5	0.834	63	195	S by E	43	...	Fine with light clouds : lg. S. W.
6	29.763	0.138	85.8	76.7	94.9	80.6	145.9	79.9	0.797	65	221	S by E	47	...	Light passing clouds : lg. N. E.
7	29.804	0.125	85.3	77.3	91.8	80.9	143.7	80.4	0.830	68	315	S by E	20	...	Fine.
8	29.782	0.145	85.1	77.4	91.2	80.2	142.7	79.8	0.837	69	292	S by E	50	...	Fine with passing clouds.
9	29.786	0.136	85.1	76.5	99.6	80.1	141.8	79.6	0.798	66	271	South	57	...	Passing clouds : lg.
10	29.793	0.151	83.1	76.7	91.6	81.4	125.9	80.6	0.833	74	139	S S E	83	0.11	Cloudy : th. and lg. W. and N.
11	29.753	0.103	82.8	77.8	91.9	76.2	134.4	75.8	0.857	79	96	SW by S	82	1.11	Cloudy : thunderstorm at 11 p.m.
12	29.764	0.108	81.4	77.1	88.8	73.2	141.3	73.8	0.874	82	140	S by W	85	0.21	Cloudy : th. and lg. S. and W. : rain.
13	29.810	0.076	82.4	75.6	94.0	78.5	142.2	75.7	0.795	72	197	South	73	0.49	Cloudy : rain.
14	29.815	0.114	83.2	76.5	94.8	77.9	141.9	76.8	0.823	73	201	S by W	77	...	Cloudy.
15	29.828	0.121	85.8	76.7	100.4	80.4	144.3	79.2	0.797	65	200	S by W	40	...	Fine with passing clouds.
16	29.758	0.133	88.7	76.8	103.1	80.9	145.5	79.7	0.762	56	212	S W	60	...	Passing clouds.
17	29.762	0.061	85.0	76.8	95.9	79.9	137.7	83.0	0.812	67	259	SW by S	67	...	Do.
18	29.802	0.083	85.5	75.0	95.9	81.4	141.0	80.5	0.728	59	272	S S W	80	...	Hazy and cloudy : lg.
19	29.796	0.093	82.4	74.4	103.1	80.0	141.9	78.8	0.745	67	216	SW by W	80	0.25	Cloudy : th. and lg. S. and W. : rain.
20	29.775	0.121	86.3	77.2	97.6	78.2	140.3	76.8	0.812	65	204	S S W	57	0.02	Light passing clouds.
21	29.718	0.153	86.9	74.5	100.2	77.2	139.2	74.8	0.687	54	240	SW by W	77	...	Cloudy.
22	29.710	0.137	90.1	75.3	102.0	81.0	145.3	79.4	0.678	47	262	SW by W	73	...	Do.
23	29.711	0.140	91.4	74.6	102.1	82.7	144.0	81.7	0.631	43	297	SW by W	57	...	Passing clouds.
24	29.694	0.155	87.9	76.9	101.4	83.0	143.5	81.7	0.779	59	231	S W	73	0.11	Cloudy.
25	29.701	0.099	87.5	75.3	98.6	79.7	141.3	77.5	0.714	55	196	S W	92	0.05	Do.
26	29.709	0.117	88.3	75.7	99.2	80.1	141.9	77.7	0.720	54	202	West	93	...	Do.
27	29.730	0.130	90.8	73.9	99.9	83.0	140.3	81.7	0.609	42	282	W by S	85	...	Do.
28	29.759	0.107	89.2	75.2	103.0	82.9	144.3	81.5	0.686	50	245	W S W	57	...	Passing clouds.
29	29.783	0.112	88.1	74.7	103.3	83.0	144.4	81.5	0.680	51	235	W S W	47	...	Do.
30	29.770	0.133	86.4	76.0	102.4	81.3	147.3	79.5	0.758	60	203	SW by S	57	0.01	Do.
Mean	29.760	0.117	86.4	76.3	98.4	80.4	141.7	79.4	0.772	62	223	S S W	60	2.36	

Madras Meteorological Observations. 1877—July.

July 1877	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points.	Cents	Inches	
1	29.739	0.143	89.7	76.0	103.4	82.3	148.2	80.9	0.714	51	249	S W	27	...	Fine with passing clouds.
2	29.761	0.109	90.2	75.3	103.1	83.3	146.6	81.8	0.677	47	238	SW by W	43	...	Do.
3	29.752	0.120	88.4	76.3	101.9	83.3	149.0	82.1	0.745	56	240	S W	50	...	Fine with light clouds.
4	29.747	0.093	88.1	75.8	103.4	83.2	146.6	81.9	0.727	55	223	S W	37	...	Do.
5	29.780	0.094	87.1	76.4	102.7	82.4	146.0	81.2	0.766	59	216	S by W	27	...	Do.
6	29.803	0.095	87.0	77.2	103.5	81.7	144.4	79.7	0.803	62	233	S by W	40	...	Fine day : cloudy night.
7	29.800	0.099	87.2	75.6	102.3	81.1	142.4	79.1	0.731	57	219	S by W	57	...	Passing clouds : lg. W. and N.
8	29.769	0.114	88.6	77.5	104.7	82.8	141.2	81.9	0.795	59	228	S by W	53	...	Fine with passing clouds.
9	29.790	0.119	88.8	76.2	103.8	82.0	143.1	81.2	0.735	54	245	S S W	50	...	Fine with light clouds.
10	29.781	0.123	89.1	74.3	102.8	81.5	147.2	80.8	0.650	47	258	S W	53	...	Do.
11	29.774	0.103	87.7	74.3	104.0	82.0	144.0	80.9	0.669	50	247	S S W	67	...	Light clouds.
12	29.731	0.102	86.7	73.3	104.6	82.0	144.4	80.9	0.640	50	274	SW by S	77	...	Cloudy.
13	29.696	0.162	86.2	74.2	101.8	82.4	146.4	81.0	0.685	55	270	SW by S	83	...	Do.
14	29.740	0.107	87.2	74.2	103.5	82.8	143.7	81.7	0.672	52	267	S S W	60	...	Do.
15	29.797	0.105	87.8	74.8	103.5	81.9	145.6	81.4	0.686	52	215	S S W	55	0.06	Fine with light clouds.
16	29.809	0.099	85.9	75.5	100.1	80.1	146.9	77.7	0.743	60	218	South	67	...	Passing clouds.
17	29.802	0.120	85.5	75.6	101.8	81.6	141.6	80.0	0.754	61	254	S S W	87	...	Cloudy.
18	29.783	0.119	86.2	74.1	101.6	81.1	143.8	80.9	0.681	55	262	S S W	73	...	Do.
19	29.784	0.126	86.7	74.5	103.1	82.3	143.6	81.6	0.690	55	236	S S W	50	...	Fine with passing clouds.
20	29.797	0.102	86.3	75.6	102.8	79.8	144.0	78.7	0.742	59	229	South	50	...	Do.
21	29.811	0.087	86.9	75.7	101.1	81.2	145.6	80.5	0.738	58	224	South	60	...	Passing clouds.
22	29.797	0.111	84.2	75.2	96.0	79.2	125.9	77.8	0.754	64	209	S S W	97	0.01	Chiefly overcast.
23	29.776	0.118	86.1	75.0	102.5	79.5	145.9	78.8	0.720	58	202	South	85	...	Cloudy.
24	29.791	0.119	85.7	73.4	102.9	79.7	146.9	78.7	0.658	53	244	S by W	63	...	Do.
25	29.809	0.110	84.2	75.1	100.9	79.5	143.4	79.0	0.750	64	212	S by W	73	0.46	Cloudy with rain.
26	29.773	0.149	82.8	76.3	97.1	78.3	144.0	77.1	0.820	73	153	S S W	97	0.31	Chiefly overcast : rain.
27	29.775	0.114	82.5	75.7	95.5	77.1	144.4	74.5	0.798	72	131	S by W	97	0.22	Overcast : rain.
28	29.766	0.124	82.1	76.5	97.3	77.2	145.0	75.6	0.839	77	168	S by W	90	0.08	Cloudy.
29	29.772	0.092	82.9	76.5	96.2	78.1	145.6	77.0	0.827	73	158	S by W	90	0.02	Do.
30	29.809	0.088	84.0	76.6	96.1	77.2	143.8	75.8	0.817	70	154	South	73	0.05	Do.
31	29.784	0.106	85.5	76.4	102.3	78.8	146.0	76.7	0.788	64	206	S by W	70	0.01	Do.
Mean	29.777	0.112	86.4	75.5	101.5	80.8	144.4	79.6	0.736	59	222	S S W	65	1.22	

Madras Meteorological Observations. 1877—August.

August 1877	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.799	0.147	83.9	76.3	100.1	80.3	146.5	79.4	0.806	69	223	S by W	93	0.28	Cloudy : th. lg. and rain.
2	29.767	0.069	80.4	74.7	95.2	76.7	142.5	74.9	0.784	75	189	S S W	100	0.02	Overcast : th. and lg.
3	29.750	0.140	82.6	75.8	96.7	74.9	139.7	73.8	0.801	72	211	South	67	0.02	Passing clouds.
4	29.783	0.142	84.5	75.8	98.2	77.6	145.4	76.0	0.775	65	238	S by W	80	...	Cloudy.
5	29.796	0.142	83.8	74.8	101.0	80.3	144.5	79.0	0.742	64	238	S S W	70	0.46	Passing clouds with rain.
6	29.763	0.130	81.5	74.7	98.0	77.2	144.5	75.4	0.769	72	227	S by W	70	0.23	Passing clouds : lg. W.
7	29.768	0.142	82.7	74.5	96.4	76.8	142.1	74.8	0.745	66	231	S S W	63	0.06	Cloudy day : fine night.
8	29.786	0.138	83.5	74.0	100.0	77.6	145.8	75.6	0.713	62	230	SW by S	67	...	Passing clouds.
9	29.782	0.143	88.6	73.9	103.1	80.3	145.5	78.5	0.639	48	280	SW by W	40	...	Fine with light clouds.
10	29.784	0.159	86.9	73.6	102.1	79.9	150.3	78.1	0.651	51	206	SW by S	53	0.05	Do.
11	29.725	0.145	89.0	74.2	103.8	78.2	144.5	73.6	0.647	47	228	SW by S	47	0.04	Passing clouds : lg. S. W.
12	29.743	0.078	83.9	74.4	97.7	84.1	143.7	82.4	0.724	62	216	S W	97	0.25	Overcast : rain.
13	29.763	0.103	82.4	74.9	98.9	77.2	144.8	76.3	0.765	69	220	S by W	92	0.08	Cloudy.
14	29.809	0.104	84.0	73.8	95.4	77.8	145.5	76.4	0.698	60	177	SW by S	90	...	Do.
15	29.784	0.116	83.5	75.0	101.2	78.3	146.9	77.2	0.755	65	213	S by W	80	...	Do.
16	29.767	0.153	86.2	74.2	103.2	80.0	145.0	78.7	0.685	55	258	SW by S	57	0.06	Fine day : cloudy night.
17	29.807	0.100	84.3	74.7	101.6	80.0	137.1	78.7	0.732	62	232	S S W	63	0.15	Cloudy.
18	29.806	0.142	86.8	74.7	102.4	79.2	143.1	77.0	0.698	55	256	S S W	85	0.01	Do.
19	29.795	0.120	85.1	74.2	100.9	78.9	142.5	76.9	0.700	58	245	S S W	60	...	Passing clouds.
20	29.787	0.095	85.1	73.4	97.8	79.0	142.7	77.9	0.666	55	240	S by W	40	...	Fine with passing clouds.
21	29.826	0.141	86.1	75.7	101.0	78.2	144.9	77.5	0.749	60	217	S by E	40	...	Do.
22	29.844	0.127	85.2	75.5	101.0	78.1	144.7	77.3	0.754	62	215	S by W	40	0.07	Fine with passing clouds : lg. W.
23	29.813	0.127	82.9	76.2	90.0	75.2	143.7	73.7	0.814	72	212	S by W	47	0.37	Passing clouds : rain.
24	29.807	0.105	84.6	77.0	91.9	78.5	146.1	77.6	0.827	70	213	South	40	...	Fine day : cloudy night.
25	29.814	0.109	84.4	74.6	100.7	77.0	143.1	75.4	0.726	61	257	S S W	60	0.01	Passing clouds.
26	29.820	0.108	86.6	75.7	99.1	79.9	142.5	78.7	0.743	58	186	South	27	...	Fine with passing clouds.
27	29.828	0.121	85.9	73.4	101.4	77.8	144.6	75.7	0.656	53	171	South	47	...	Passing clouds.
28	29.760	0.144	86.2	74.9	100.7	78.9	142.5	77.5	0.717	57	232	S S W	60	0.03	Do.
29	29.732	0.123	86.4	74.8	98.8	79.9	142.7	78.5	0.707	57	230	S W	87	...	Cloudy.
30	29.768	0.125	82.6	75.1	97.0	77.0	138.3	75.0	0.771	69	124	N W	100	0.22	Overcast : th. lg. and rain.
31	29.775	0.142	85.1	74.4	98.4	76.3	141.4	76.1	0.709	59	188	W by S	97	0.08	Overcast.
Mean	29.786	0.125	84.7	74.8	99.2	78.4	143.8	76.9	0.731	62	219	S S W	66	2.49	

Madras Meteorological Observations. 1877—September.

September 1877	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.752	0.112	84.2	74.0	97.3	78.8	142.3	76.0	0.703	60	235	S W	47	...	Passing clouds.
2	29.750	0.126	85.4	75.8	98.3	79.2	143.8	77.3	0.764	63	171	S by W	77	0.19	Cloudy : rain.
3	29.787	0.116	83.7	75.6	90.0	77.4	145.8	76.1	0.778	68	151	W by N	93	...	Cloudy.
4	29.775	0.124	83.0	76.2	92.1	79.0	140.5	78.0	0.813	72	172	W by S	100	1.03	Overcast with rain.
5	29.763	0.112	82.5	76.1	94.8	76.6	146.7	75.8	0.815	73	183	SWbyW	83	0.06	Cloudy : lg. S. W.
6	29.739	0.133	83.2	77.1	97.9	77.2	143.8	75.9	0.850	75	240	S S W	83	0.63	Cloudy : th. and lg. S. W. : rain.
7	29.781	0.116	81.7	76.7	89.4	75.4	144.1	74.6	0.853	79	205	S by W	90	0.13	Do. : do. : do.
8	29.820	0.125	83.5	75.2	93.2	77.5	141.5	76.5	0.764	65	245	S S W	80	...	Cloudy : lg. S. W.
9	29.863	0.139	83.2	76.2	96.0	77.3	141.3	75.4	0.810	71	230	S by W	70	0.13	Passing clouds : lg.
10	29.897	0.129	81.6	75.9	93.3	76.7	141.6	75.4	0.820	76	198	S by W	93	...	Cloudy : lg. S. W.
11	29.900	0.105	79.5	74.7	87.3	72.2	127.5	70.7	0.794	79	153	S by W	83	0.35	Cloudy : rain.
12	29.915	0.072	82.4	75.3	97.4	77.3	142.5	75.7	0.783	71	170	S by W	53	...	Passing clouds.
13	29.937	0.114	82.3	75.2	95.5	75.4	143.5	72.5	0.780	71	154	S S W	33	...	Fine with passing clouds : lg. W.
14	29.911	0.130	84.2	75.8	97.8	78.2	148.5	77.1	0.779	66	204	S W by S	60	...	Passing clouds.
15	29.919	0.112	82.3	74.5	88.9	79.7	146.7	78.7	0.752	68	169	S W	77	...	Cloudy.
16	29.890	0.151	83.2	75.5	94.1	77.4	144.5	75.6	0.781	69	172	S by W	47	...	Fine with passing clouds.
17	29.873	0.116	83.3	75.0	95.2	78.4	143.9	77.2	0.758	66	190	South	27	...	Fine with passing clouds : lg. S. W.
18	29.871	0.118	83.1	76.0	96.8	77.5	146.3	76.2	0.803	71	166	South	17	...	Fine : lg. W.
19	29.873	0.108	84.7	77.1	95.0	77.7	143.9	75.2	0.830	70	130	S E by E	63	...	Cloudy.
20	29.863	0.136	82.3	76.3	91.4	78.2	141.3	76.6	0.827	75	104	S S E	73	0.04	Light clouds.
21	29.804	0.111	83.7	76.6	93.2	79.2	141.5	77.3	0.821	72	123	S by E	50	...	Passing clouds : lg. W.
22	29.794	0.112	84.1	77.2	92.6	77.8	144.9	75.8	0.841	72	91	SE by E	53	...	Light clouds : lg. S.
23	29.782	0.130	84.9	77.8	93.1	77.5	143.3	75.6	0.859	72	109	East	40	...	Fine with passing clouds.
24	29.804	0.105	81.2	77.2	88.2	76.4	143.5	74.8	0.881	83	96	S E	97	0.38	Cloudy : lg. S. W. : rain.
25	29.834	0.100	83.3	77.8	89.3	79.4	142.3	77.9	0.880	77	208	SE by S	67	...	Passing clouds : th. and lg. S.
26	29.836	0.138	83.2	76.2	96.6	78.6	142.3	77.8	0.810	71	184	S by W	62	0.11	Passing clouds : thunderstorm.
27	29.851	0.124	82.0	76.9	90.0	75.6	145.3	73.7	0.858	79	119	S S E	43	...	Fine with passing clouds : lg. N. W.
28	29.857	0.134	82.7	76.6	91.3	75.8	142.5	73.8	0.835	75	132	S S E	43	0.05	Fine with passing clouds : th. & lg. N.
29	29.892	0.113	82.0	77.0	89.7	78.1	145.0	76.3	0.862	79	98	S E	87	0.01	Cloudy.
30	29.917	0.152	79.9	75.7	87.5	77.3	143.8	75.1	0.833	81	143	S S E	90	0.04	Do.
Mean	29.842	0.120	82.9	76.1	93.1	77.4	143.1	75.8	0.811	72	165	South	66	3.15	

Madras Meteorological Observations, 1877—October.

October 1877	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.914	0.153	82.9	76.5	92.9	77.0	142.0	75.7	0.827	73	199	S S E	27	...	Fine.
2	29.899	0.132	84.1	77.5	94.1	78.0	143.3	76.7	0.856	74	219	S S E	18	...	Fine; lg. N. and N. W.
3	29.945	0.143	81.9	75.1	94.8	74.4	142.2	74.7	0.781	72	153	S S E	50	...	Passing clouds.
4	29.922	0.136	82.3	76.6	95.6	77.9	141.9	76.2	0.840	76	85	SE by S	50	0.87	Passing clouds: rain: lg. S. W.
5	29.884	0.141	83.0	77.9	94.5	76.2	141.5	74.8	0.889	79	112	S by E	30	...	Light clouds: fine night.
6	29.897	0.104	83.2	77.4	90.1	77.0	140.6	75.4	0.863	76	169	S E	23	...	Fine with passing clouds.
7	29.931	0.121	82.4	75.7	93.7	76.8	142.4	75.1	0.799	72	188	S by E	37	...	Fine with passing clouds: lg.
8	29.913	0.148	83.8	75.7	96.3	78.2	141.4	77.0	0.781	68	227	South	30	...	Fine with passing clouds.: lg. S. W.
9	29.911	0.133	83.4	76.4	92.7	78.3	144.3	77.8	0.816	71	170	S by E	47	...	Fine with passing cl.: lg. W. & S.W.
10	29.900	0.126	84.4	77.9	95.8	79.8	140.3	78.9	0.869	74	177	S by E	63	...	Passing clouds: lg. W. and N. W.
11	29.875	0.141	81.4	76.3	95.8	74.2	137.5	72.2	0.839	78	142	S S W	70	0.32	Cloudy: lg.: rain.
12	29.906	0.131	81.8	76.3	89.3	75.3	140.0	74.3	0.834	77	133	S by E	80	...	Cloudy: lg. S. W.
13	29.985	0.112	78.8	75.9	81.1	77.9	101.5	77.1	0.856	87	66	SE by S	80	0.21	Cloudy: rain.
14	29.909	0.134	81.9	76.3	90.0	74.0	139.5	72.2	0.834	77	130	SE by S	33	...	Fine with passing clouds: lg. S. W.
15	29.876	0.121	83.4	76.7	91.4	77.5	143.6	76.1	0.829	73	107	SE by E	40	0.01	Passing clouds: lg. W.
16	29.895	0.121	82.5	76.9	91.3	76.9	145.4	75.3	0.851	77	100	E S E	40	...	Fine with passing clouds.
17	29.927	0.129	83.7	76.9	91.0	77.1	143.7	75.7	0.834	72	94	E by S	33	0.01	Do.
18	29.925	0.123	82.9	76.4	92.4	76.1	140.8	74.6	0.823	73	106	East	30	0.01	Do.
19	29.918	0.150	84.2	77.2	92.9	76.8	149.1	75.6	0.840	72	78	E S E	57	...	Passing clouds: th.
20	29.907	0.135	83.4	76.6	92.7	77.1	140.5	75.9	0.825	72	123	East	43	...	Passing clouds.
21	29.896	0.119	83.3	76.2	92.7	76.6	141.1	74.8	0.809	71	113	E N E	67	...	Cloudy.
22	29.908	0.106	82.5	75.9	91.5	76.5	143.4	74.6	0.807	73	81	East	60	...	Passing clouds.
23	29.891	0.118	79.0	75.7	88.4	75.8	137.4	73.5	0.815	85	83	East	82	0.94	Cloudy: rain.
24	29.906	0.114	80.7	75.4	89.5	75.2	141.2	73.8	0.810	77	82	East	67	0.02	Cloudy: th. and lg. W.
25	29.938	0.098	78.4	75.6	84.3	74.2	135.4	73.6	0.849	87	69	N by E	77	0.63	Cloudy: rain: lg. S. W.
26	29.957	0.146	78.3	75.2	86.7	74.8	141.3	73.6	0.834	86	155	NE by N	83	0.02	Cloudy: th. and lg. N. W.
27	29.960	0.130	80.7	75.9	90.1	75.3	140.6	74.5	0.831	78	123	NE by N	77	...	Cloudy: lg. N. and W.
28	29.961	0.113	80.9	76.0	88.0	75.0	142.3	74.2	0.832	78	202	N N E	77	0.47	Cloudy: rain: lg. S.
29	29.922	0.160	76.3	74.0	83.7	73.9	135.6	72.6	0.810	89	193	NE by N	97	3.52	Cloudy: heavy rain: th.
30	29.914	0.121	77.7	75.1	87.1	72.9	138.6	72.8	0.838	89	150	N N E	83	1.46	Cloudy: heavy showers.
31	29.924	0.157	78.6	75.6	88.1	74.5	144.4	73.6	0.846	87	98	N N E	63	0.07	Cloudy.
Mean	29.917	0.131	81.7	76.2	90.9	76.2	140.1	74.9	0.832	77	133	E S E	56	8.56	

Madras Meteorological Observations. 1877—November.

November 1877	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deducted		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.905	0.104	76.6	74.3	86.8	75.5	140.1	74.6	0.819	89	101	North	73	4.80	Cloudy with heavy rain : lg. S.
2	29.880	0.134	79.4	76.1	87.0	73.7	142.2	73.1	0.857	85	132	N by E	73	0.25	Clondy : rain : lg. W.
3	29.901	0.082	78.8	75.5	83.2	76.4	119.4	75.7	0.840	86	81	North	73	0.01	Cloudy.
4	29.878	0.144	79.5	75.3	88.6	74.4	141.4	73.1	0.822	81	66	NE by N	77	0.01	Do.
5	29.914	0.101	79.3	75.5	87.0	76.2	140.6	75.3	0.833	83	78	N by E	90	0.06	Do.
6	29.982	0.100	79.7	72.3	88.2	75.0	142.7	73.9	0.694	68	134	North	70	...	Do
7	29.986	0.121	78.7	75.4	88.6	75.5	143.8	74.3	0.837	84	138	N N E	80	0.03	Do.
8	29.987	0.140	77.5	74.0	84.8	73.1	142.4	72.5	0.794	84	147	N N E	100	0.55	Overcast with rain.
9	30.016	0.102	74.5	73.0	76.5	72.2	86.4	72.1	0.793	93	110	NE by N	100	2.53	Do.
10	30.019	0.136	76.8	73.2	83.3	71.4	125.2	71.3	0.771	84	199	N N E	80	2.60	Cloudy : rain.
11	30.003	0.113	80.3	73.9	86.2	75.6	141.6	72.9	0.752	72	227	N N E	80	0.06	Cloudy.
12	29.997	0.076	80.6	73.8	87.6	75.1	142.2	73.2	0.744	71	218	NE by N	37	...	Do.
13	29.996	0.124	79.1	73.5	86.5	74.3	143.7	71.2	0.752	76	248	N N E	80	0.86	Cloudy : rain.
14	29.985	0.118	76.0	73.3	81.6	72.2	110.4	71.9	0.785	87	165	North	100	0.54	Overcast and wet.
15	29.996	0.116	73.7	72.5	75.1	72.1	84.4	72.1	0.784	94	133	N by E	100	5.30	Overcast : heavy rain.
16	29.957	0.114	74.9	73.6	84.4	72.2	142.5	71.5	0.813	94	110	North	93	1.75	Cloudy and wet.
17	29.968	0.111	76.7	74.2	82.8	71.2	142.3	70.7	0.813	88	169	North	93	1.64	Do.
18	30.003	0.111	80.4	76.4	87.3	75.9	139.4	74.2	0.857	82	183	NE by N	63	0.14	Passing clouds.
19	30.019	0.130	79.0	74.0	84.5	75.1	139.9	72.7	0.774	78	212	N E	73	...	Cloudy.
20	30.005	0.117	79.2	72.9	85.3	74.3	141.2	71.1	0.725	72	219	N N E	60	...	Passing clouds.
21	30.017	0.117	78.4	71.6	85.9	71.5	140.0	67.1	0.685	70	149	N N E	63	...	Do.
22	30.020	0.132	77.7	72.3	86.1	71.1	140.0	67.4	0.721	75	161	NE by N	50	...	Do.
23	29.993	0.116	78.2	71.7	86.5	70.3	140.4	66.8	0.691	72	171	N N E	60	...	Do.
24	29.965	0.117	79.2	75.0	86.2	75.1	138.1	72.5	0.813	82	196	N by E	87	...	Cloudy.
25	29.962	0.088	80.8	76.6	88.7	75.3	142.0	73.3	0.860	83	127	N N E	65	...	Passing clouds.
26	29.967	0.119	81.1	75.9	89.1	76.5	138.6	73.7	0.825	78	168	NE by E	40	...	Fine with passing clouds.
27	29.944	0.141	80.0	75.0	88.1	74.2	141.2	71.1	0.802	78	125	NE by E	43	...	Do.
28	29.971	0.101	79.8	74.9	88.3	74.1	138.3	71.5	0.801	78	149	NE by E	57	...	Passing clouds.
29	29.972	0.109	78.4	74.2	87.5	73.3	140.0	70.2	0.790	81	115	NE by N	43	...	Fine with passing clouds.
30	29.977	0.132	79.2	74.5	87.1	72.9	141.4	69.5	0.792	79	162	NE by N	43	0.12	Do.
Mean	29.973	0.116	78.5	74.1	85.6	73.9	135.1	72.0	0.788	81	153	N N E	72	21.25	

Madras Meteorological Observations. 1877—December.

December 1877	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.973	0.126	75.2	73.7	84.7	72.9	140.1	71.9	0.813	93	110	NE by E	100	3.93	Overcast : heavy rain.
2	30.003	0.097	77.7	73.4	85.5	74.3	140.1	73.7	0.766	81	137	NE by E	67	...	Cloudy.
3	30.013	0.096	78.9	73.5	86.6	71.9	140.3	68.9	0.754	76	159	NE by E	30	...	Fine with passing clouds.
4	29.959	0.135	80.1	73.9	86.8	75.0	143.6	73.7	0.755	73	215	N E	43	0.17	Fine with passing clouds : rain.
5	29.957	0.123	78.5	73.8	84.1	73.5	119.9	71.9	0.772	79	179	NE by N	90	0.02	Cloudy.
6	29.977	0.097	79.2	73.5	84.2	73.3	125.3	71.3	0.750	75	277	E N E	87	0.61	Cloudy : rain.
7	29.955	0.134	79.2	72.9	85.7	74.2	139.0	72.5	0.725	72	301	NE by E	100	...	Overcast.
8	29.961	0.092	77.6	74.1	84.8	75.7	144.9	73.7	0.797	84	197	NE by N	93	0.10	Cloudy : lg. E.
9	30.019	0.097	78.4	74.1	82.4	75.2	116.6	74.9	0.786	80	187	NE by E	90	0.86	Cloudy : rain.
10	30.032	0.080	80.5	76.4	87.5	75.5	140.0	72.6	0.856	82	177	E N E	40	...	Fine with passing clouds.
11	29.991	0.128	79.5	76.7	87.4	76.3	143.4	74.2	0.882	87	144	E by N	53	0.08	Passing clouds : lg. S. W.
12	29.976	0.142	78.7	74.8	85.4	75.8	144.5	74.9	0.812	82	113	E by S	80	0.08	Cloudy.
13	29.993	0.139	80.1	75.0	86.6	75.0	138.4	73.2	0.801	78	178	E by N	43	0.01	Fine with passing clouds.
14	30.017	0.090	80.5	74.3	87.2	75.9	137.0	72.9	0.766	73	224	E N E	50	...	Do.
15	30.000	0.117	79.3	73.4	86.6	74.9	140.3	71.5	0.744	74	252	N E	47	...	Do.
16	29.985	0.107	79.0	72.4	86.3	72.9	135.7	69.8	0.709	72	268	NE by N	63	...	Passing clouds.
17	29.989	0.128	80.0	73.0	86.0	78.1	137.6	76.8	0.719	70	335	N E	87	...	Cloudy.
18	30.008	0.098	80.5	73.5	87.3	77.0	139.7	74.6	0.733	71	244	N E	80	...	Do.
19	30.012	0.109	78.0	72.2	87.2	72.9	140.0	70.0	0.713	74	161	NE by N	33	...	Fine with passing clouds.
20	30.025	0.104	76.1	71.2	86.4	69.5	142.5	66.3	0.701	77	128	N N E	33	...	Do.
21	30.016	0.118	77.3	72.1	86.9	70.2	140.1	67.5	0.719	76	112	N E	40	...	Do.
22	29.983	0.126	78.8	72.7	86.5	69.9	137.1	66.3	0.723	74	188	NE by E	40	...	Do.
23	30.004	0.118	79.1	71.7	86.4	74.9	138.1	71.3	0.678	68	244	N E	47	...	Passing clouds.
24	29.998	0.124	79.4	71.4	86.2	76.0	138.3	73.3	0.663	66	297	N N E	37	...	Fine with passing clouds.
25	30.001	0.090	77.3	71.5	86.6	72.2	142.4	...	0.695	74	208	N by E	43	...	Do.
26	29.991	0.137	76.9	72.0	85.8	70.8	139.5	67.0	0.720	77	200	N by E	60	...	Cloudy day : fine night.
27	29.969	0.128	77.1	70.7	86.8	69.2	139.4	65.7	0.666	71	178	N N E	37	...	Fine with passing clouds.
28	29.937	0.122	77.2	71.5	87.4	70.3	138.1	66.7	0.696	75	127	N N E	23	...	Do.
29	29.915	0.126	79.0	73.5	87.9	72.4	140.1	69.7	0.753	76	159	NE by N	33	...	Do.
30	29.906	0.125	78.7	74.3	87.0	73.1	145.0	70.3	0.790	80	83	E by N	43	...	Passing clouds.
31	29.871	0.142	78.8	74.4	87.0	72.5	142.3	69.3	0.793	80	87	E by S	30	...	Fine with passing clouds.
Mean	29.982	0.116	78.6	73.3	86.3	73.6	138.4	71.2	0.750	76	189	N E	56	5.86	

Madras Mean Monthly and Annual Meteorological Results in 1877.

	Barometer		Dry Bulb Thermometer				Wet Bulb		Tension of Vapour	Relative Humidity	Maximum	Minimum on Grass	Wind		Rain		Clear Sky	
	Reduced to 32°	Daily Range	Mean	Max.	Min.	Range	Mean	Min.	By Blanford's Tables	Cents	°	°	Miles	Points	Points	Inches		Days
Inches	Inches	°	°	°	°	°	°	°	Inches	Cents	°	°	°	Points	Points	Inches	No.	Cents
January	30.039	0.119	75.9	85.4	67.8	17.6	68.9	64.9	0.616	68	144.7	65.2	163	5	N E by E	0.01	1	64
February	29.984	0.123	78.7	87.6	70.9	16.7	70.8	67.4	0.649	66	146.5	68.1	167	10	E S E	...	...	68
March	29.943	0.129	79.8	89.1	71.7	17.4	72.3	68.6	0.696	68	143.5	69.2	176	11	S E by E	0.03	1	74
April	29.889	0.126	83.4	91.6	76.5	15.1	75.6	72.8	0.782	68	138.5	74.5	203	11	S E by E	...	...	64
May	29.780	0.116	84.4	94.8	78.4	16.4	76.9	74.1	0.826	70	135.2	76.3	243	16	South	21.27	6	52
June	29.760	0.117	86.4	98.4	80.4	18.0	76.3	73.7	0.772	62	141.7	79.4	223	18	S S W	2.36	9	40
July	29.777	0.112	86.4	101.5	80.8	20.7	75.5	72.9	0.736	59	144.4	79.6	222	18	S S W	1.22	9	35
August	29.786	0.125	84.7	99.2	78.4	20.7	74.8	72.5	0.731	62	143.8	76.9	219	18	S S W	2.49	19	34
September	29.842	0.120	82.9	93.1	77.4	15.7	76.1	73.7	0.811	72	143.1	75.8	165	16	South	3.15	13	34
October	29.917	0.131	81.7	90.9	76.2	14.7	76.2	73.9	0.832	77	140.1	74.9	133	10	E S E	8.56	14	44
November	29.973	0.116	78.5	85.6	73.9	11.7	74.1	71.9	0.788	81	135.1	72.0	153	2	N N E	21.25	17	28
December	29.982	0.116	78.6	86.3	73.6	12.7	73.3	70.9	0.750	76	138.4	71.2	189	4	N E	5.86	9	44
Annual	29.889	0.121	81.8	92.0	75.5	16.5	74.2	71.4	0.749	69	141.3	73.6	188	12	S E	66.20	98	48

Madras Extreme Monthly Meteorological Records in 1877.

	Barometer			Dry Bulb Thermometer			Wet Bulb		Humidity		Sun Thermometer		Grass Thermometer		Wind			Rain					
	Inches	Day	Lowest	Range	Highest		Lowest		Cents	Day		°	Day	°	Day	Highest		Miles	Day	Inches	Day		
					°	Day	°	Day		Miles	Day												
January ...	30-155	19	29-940	10	0-215	31	61-7	3	58-1	3	44	2	147-4	18	58-2	3	267	24	58	31	0-01	12	
February ..	30-168	19	29-744	5	0-424	92-2	65-4	2	62-5	28	43	1	149-4	27	62-1	2	239	6	95	1	...	...
March ...	30-077	1	29-800	30	0-277	91-5	28	64-8	12	61-1	12	41	22	149-6	20	60-7	11	291	30	108	10	0-03	29
April	30-054	4	29-715	26	0-339	93-4	20	72-8	17	69-6	17	44	21	147-7	15	71-1	15	302	9	147	19	...	...
May	29-927	22	29-432	18	0-495	107-3	25	75-1	17	66-5	15	25	15	147-4	23	67-6	18	612	18	50	14	13-01	18
June	29-874	15	29-621	24	0-253	103-5	1	73-2	12	71-2	29	29	23	147-8	3	73-8	12	315	7	96	11	1-11	11
July	29-864	17	29-626	13	0-238	104-7	8	77-1	27	68-9	11	24	10	149-0	3	74-5	27	274	12	131	27	0-46	25
August ...	29-898	22	29-644	11	0-254	108-8	11	74-9	3	70-8	20	24	11	150-3	10	73-6	11	280	9	124	30	0-46	5
September	29-992	30	29-658	6	0-334	98-3	2	72-2	11	70-0	11	43	1	148-5	14	70-7	11	245	8	91	22	1-03	4
October ...	30-034	27	29-795	11	0-237	96-3	8	72-9	30	71-0	3	47	8	149-1	19	72-2	14	227	8	66	13	3-52	29
November.	30-091	10	29-805	4	0-286	89-1	26	70-3	23	68-0	21	53	6	143-8	7	66-8	23	248	13	66	4	5-30	15
December.	30-078	20	29-815	31	0-263	87-9	29	69-2	27	68-0	20	56	27	145-0	30	65-7	27	335	17	83	30	3-93	1

Madras Meteorological Observations. 1878—January.

January 1878	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.823	0.135	79.8	75.5	92.9	73.3	140.6	70.1	0.827	80	109	S E	20	...	Fine with passing clouds.
2	29.854	0.114	79.7	73.5	88.7	76.2	142.0	74.1	0.744	73	112	E N E	37	...	Do.
3	29.911	0.105	78.7	72.9	88.4	72.4	142.2	69.7	0.731	74	127	N by E	33	...	Do.
4	29.921	0.081	79.4	73.9	87.3	74.7	137.5	72.3	0.764	76	162	NE by E	67	0.04	Passing clouds.
5	29.975	0.066	78.6	71.2	84.9	76.1	139.7	73.3	0.665	68	204	E by N	57	...	Do.
6	30.008	0.112	79.5	71.6	88.3	75.0	139.9	71.8	0.670	66	197	NE by E	37	...	Fine with passing clouds.
7	30.068	0.103	79.0	71.0	88.0	76.3	141.5	74.3	0.653	66	228	N E	73	...	Cloudy.
8	30.043	0.126	77.1	71.0	87.8	70.3	140.3	71.7	0.678	73	135	NE by E	43	...	Passing clouds.
9	30.045	0.141	77.4	71.5	89.0	68.6	139.3	65.4	0.693	74	124	NE by E	30	...	Fine with passing clouds.
10	30.061	0.125	78.0	71.6	87.6	70.7	147.7	67.9	0.690	72	110	E N E	47	...	Passing clouds.
11	30.100	0.117	79.0	72.0	88.3	71.2	141.8	67.1	0.692	70	149	E by N	37	...	Fine with passing clouds.
12	30.064	0.125	78.3	70.6	87.4	73.2	144.9	69.9	0.646	67	216	NE by E	60	...	Passing clouds.
13	30.040	0.131	76.7	71.1	88.2	68.3	137.7	64.9	0.688	75	132	N N E	50	...	Do.
14	30.034	0.127	79.0	71.8	86.5	72.5	142.3	69.6	0.684	69	206	N N E	57	...	Do.
15	30.032	0.141	78.8	70.8	87.6	73.0	135.8	73.3	0.648	66	157	N N E	50	...	Do.
16	30.031	0.114	77.7	71.1	87.6	72.1	141.4	70.9	0.675	71	156	N by E	67	0.01	Do.
17	30.059	0.105	77.6	70.3	86.0	70.0	136.2	67.8	0.645	67	159	N N E	87	...	Cloudy.
18	30.076	0.109	79.7	68.8	87.6	74.9	140.4	72.4	0.560	55	245	N E	70	...	Do.
19	30.066	0.138	77.5	69.4	87.2	67.1	147.1	62.8	0.612	65	174	N by E	50	...	Passing clouds.
20	30.045	0.098	77.2	71.7	88.3	70.1	141.2	68.5	0.704	75	200	N by E	70	...	Cloudy.
21	30.048	0.101	78.8	73.1	87.4	73.1	139.7	71.4	0.739	75	160	N by E	82	...	Do.
22	30.046	0.101	79.1	73.7	86.3	75.0	137.3	74.2	0.760	76	128	N E	72	0.06	Cloudy day : fine night.
23	30.052	0.137	79.3	72.5	88.0	70.8	141.2	67.8	0.709	71	107	E N E	13	...	Fine.
24	30.058	0.121	79.2	69.8	88.3	73.0	141.4	67.1	0.604	60	153	E N E	30	...	Fine with passing clouds.
25	30.065	0.120	78.6	70.1	87.4	70.2	145.5	67.1	0.624	63	137	E N E	50	...	Passing clouds.
26	30.032	0.139	78.9	72.3	88.0	71.9	142.5	68.4	0.706	72	156	E N E	33	...	Fine with passing clouds.
27	29.970	0.142	78.4	71.9	88.0	70.0	146.2	67.1	0.696	72	83	E by N	23	...	Fine.
28	29.968	0.144	78.8	72.8	87.4	72.8	145.4	69.7	0.727	74	94	E by S	27	...	Do.
29	29.983	0.106	79.3	72.6	87.6	72.3	...	69.3	0.712	71	103	E S E	17	...	Do.
30	30.019	0.113	79.0	72.5	88.0	71.2	148.2	67.8	0.713	72	76	E S E	50	...	Fine with passing clouds.
31	30.002	0.133	77.5	71.1	86.5	71.0	146.4	67.5	0.677	71	73	E S E	27	...	Fine
Mean	30.016	0.118	78.6	71.7	87.8	72.2	141.8	69.5	0.688	70	147	NE by E	47	0.11	

Madras Meteorological Observations. 1878—February.

February 1878	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.977	0.138	77.7	71.5	87.0	68.1	142.4	64.1	0.691	73	82	E S E	40	...	Passing clouds.
2	29.983	0.136	79.7	73.3	88.0	71.5	145.1	68.8	0.735	72	141	E by N	50	...	Do.
3	30.017	0.112	81.0	73.7	88.8	74.0	142.4	71.5	0.735	70	159	E N E	33	...	Fine with passing clouds.
4	30.063	0.103	79.3	72.8	89.0	71.5	148.6	68.3	0.721	72	115	NE by E	50	...	Passing clouds.
5	30.078	0.093	77.3	71.0	87.6	68.9	146.2	64.9	0.675	71	88	NE by E	37	...	Fine with light clouds.
6	30.055	0.123	77.9	71.0	88.8	67.1	142.6	62.6	0.667	70	135	NE by N	37	...	Do.
7	30.068	0.125	80.8	72.5	89.0	76.1	137.4	74.5	0.688	66	175	NE by N	43	...	Fine with passing clouds.
8	30.038	0.128	78.2	71.2	89.0	70.0	139.0	66.6	0.671	70	99	NE by N	40	...	Fine with light clouds.
9	30.036	0.110	77.5	71.9	88.7	69.1	140.6	65.7	0.708	75	66	NE by N	20	...	Fine.
10	30.020	0.128	78.2	71.2	90.8	67.9	132.4	64.1	0.671	70	55	E by N	23	...	Do.
11	30.035	0.152	79.4	70.9	91.9	68.9	133.6	64.7	0.644	64	69	E S E	7	...	Do.
12	29.990	0.145	78.9	71.2	90.6	68.5	140.9	64.5	0.662	67	117	SE by E	13	...	Do.
13	30.014	0.128	78.7	73.3	89.2	70.7	134.5	67.5	0.748	76	99	SE by E	10	...	Do.
14	30.051	0.118	79.0	72.1	88.2	69.1	138.4	65.3	0.696	70	85	E by N	40	...	Fine with passing clouds.
15	30.046	0.114	76.9	71.6	87.0	71.0	140.3	68.1	0.705	75	56	N E	77	...	Cloudy.
16	30.004	0.135	77.6	72.3	88.4	69.0	136.3	65.3	0.723	76	93	E by S	10	...	Fine.
17	29.974	0.138	79.7	73.0	91.5	71.0	127.1	...	0.723	71	123	SE by E	7	...	Do.
18	29.995	0.137	78.8	72.7	88.2	71.8	136.6	68.8	0.723	74	81	E S E	27	...	Do.
19	30.027	0.121	77.7	71.3	87.8	69.0	138.1	65.7	0.682	71	84	E S E	17	...	Do.
20	30.034	0.119	77.4	71.8	88.9	68.9	134.3	65.4	0.706	75	95	S E	0	...	Clear.
21	30.028	0.128	77.8	72.2	87.5	69.3	126.9	65.8	0.716	75	99	S E	0	...	Do.
22	30.038	0.141	78.6	72.2	87.7	70.4	127.2	67.2	0.705	72	81	SE by E	10	...	Fine.
23	30.020	0.162	77.6	70.9	87.7	67.9	129.1	64.2	0.668	71	65	E S E	13	...	Do.
24	30.008	0.154	78.0	71.7	89.6	67.8	128.9	64.4	0.694	73	63	E S E	27	...	Do.
25	30.017	0.147	78.3	72.5	88.9	69.4	133.2	66.4	0.721	75	86	E S E	20	...	Do.
26	29.956	0.159	79.1	73.3	91.8	70.4	131.3	67.2	0.743	75	118	S E	3	...	Clear.
27	29.935	0.125	79.4	73.2	90.4	70.0	130.1	66.2	0.736	73	131	S E	0	...	Do.
28	29.954	0.125	79.3	73.1	89.2	69.8	129.3	66.6	0.733	73	139	S E	0	...	Do.
Mean	30.016	0.130	78.6	72.1	89.0	69.9	136.2	66.5	0.703	72	100	East	23	Nil.	

Madras Meteorological Observations. 1878—March.

March 1878	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.							
									Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.937	0.148	79.3	73.3	88.3	70.9	127.4	67.6	0.740	74	151	S E	3	...	Clear.
2	29.922	0.132	79.7	73.5	88.9	70.1	141.3	66.8	0.744	73	129	SE by E	3	...	Do.
3	29.942	0.131	80.7	74.5	90.2	72.2	130.7	68.8	0.772	74	135	SE by E	22	...	Fine.
4	29.951	0.155	81.7	74.7	93.7	74.2	133.3	71.5	0.767	71	166	SE by S	17	...	Do.
5	29.988	0.138	80.8	74.8	92.5	73.5	119.5	70.8	0.783	74	166	S E	50	...	Fine with light clouds.
6	29.995	0.137	81.3	75.0	93.6	74.8	128.9	71.9	0.785	73	161	S E	37	...	Do.
7	29.957	0.170	80.8	74.1	89.0	72.0	130.4	68.8	0.754	72	157	S E	3	...	Clear.
8	30.011	0.126	80.2	73.9	88.8	72.2	133.1	68.6	0.753	72	169	S E	23	...	Fine.
9	30.022	0.115	80.3	73.4	88.3	71.9	132.7	69.0	0.731	70	149	SE by E	23	...	Do.
10	29.991	0.136	80.6	74.4	88.3	72.8	134.3	69.6	0.769	73	172	SE by E	33	...	Fine with light clouds.
11	29.996	0.127	81.5	75.0	90.4	75.3	123.5	74.4	0.782	73	119	E S E	47	...	Light passing clouds.
12	30.047	0.126	81.7	74.8	90.9	73.3	134.0	70.2	0.771	71	112	East	27	...	Fine.
13	30.040	0.132	80.5	74.3	91.2	73.1	134.3	69.9	0.766	73	82	E by S	40	...	Fine with passing clouds.
14	30.022	0.149	79.8	73.5	90.5	70.6	133.9	66.9	0.742	73	98	SE by E	40	...	Fine with light clouds.
15	29.960	0.151	81.5	74.6	89.6	71.3	133.6	67.6	0.765	71	167	SE by E	13	...	Fine.
16	29.970	0.122	81.0	74.5	89.3	73.3	131.3	69.4	0.768	73	138	SE by E	13	...	Do.
17	29.965	0.122	82.5	75.9	91.5	73.3	132.3	69.8	0.807	73	122	E S E	20	...	Do.
18	29.929	0.126	84.1	77.2	92.0	77.5	131.0	75.3	0.841	72	164	SE by E	37	...	Fine with passing clouds.
19	29.936	0.123	84.1	77.7	91.4	77.9	127.1	75.5	0.864	74	213	SE by E	47	...	Passing clouds.
20	29.991	0.128	83.7	77.6	92.1	78.3	119.9	75.8	0.866	75	160	E S E	63	...	Do.
21	30.053	0.111	83.4	76.3	92.3	77.3	124.6	74.4	0.812	71	127	East	70	...	Cloudy.
22	30.029	0.120	83.1	75.2	92.3	76.1	130.7	73.7	0.769	69	90	E N E	43	...	Passing clouds.
23	29.999	0.113	83.2	74.8	92.0	74.2	130.9	70.6	0.750	65	169	E N E	20	...	Fine.
24	30.004	0.131	81.8	74.6	92.9	74.1	131.5	70.8	0.761	70	69	E by N	17	...	Do.
25	29.993	0.120	82.1	73.2	93.3	73.1	130.5	68.7	0.699	63	86	East	10	...	Do.
26	29.962	0.123	80.5	71.9	91.2	71.5	135.5	67.5	0.668	64	80	E by S	3	...	Clear.
27	29.921	0.150	81.2	71.9	91.5	69.3	135.3	64.9	0.658	61	111	SE by E	13	...	Fine.
28	29.887	0.133	84.1	76.2	94.0	75.3	133.8	73.3	0.798	68	176	S E	20	...	Do.
29	29.858	0.175	84.6	77.6	94.3	77.1	134.1	74.3	0.853	72	216	S E	30	...	Fine with light clouds.
30	29.829	0.134	84.4	78.1	91.0	77.3	130.2	74.5	0.878	74	213	S E	13	...	Fine.
31	29.789	0.141	85.4	78.9	93.5	79.7	130.0	78.5	0.901	74	252	S E	10	...	Do.
Mean	29.964	0.134	81.9	75.0	91.3	74.0	131.0	70.9	0.778	71	144	E S E	26	Nil.	

Madras Meteorological Observations. 1878—April.

April 1878	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hm- idity	Daily Velo- city	Mean Direc- tion.			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.849	0.120	85.1	79.2	92.3	81.0	128.7	80.3	0.919	76	261	S E	33	...	Fine with light clouds.
2	29.929	0.112	85.0	77.5	93.3	80.7	130.4	79.7	0.844	70	219	SE by E	17	...	Fine.
3	29.916	0.133	83.7	75.6	93.0	76.5	121.4	74.2	0.778	68	121	SE by E	43	...	Passing clouds.
4	29.873	0.133	80.7	73.7	92.1	72.0	131.6	68.1	0.739	71	121	E S E	17	...	Fine with light clouds.
5	29.911	0.113	81.8	74.7	91.9	72.1	132.4	68.7	0.766	71	153	SE by E	20	...	Fine.
6	29.929	0.143	83.4	76.1	92.5	74.8	132.0	72.0	0.803	69	130	SE by E	7	...	Clear.
7	29.905	0.149	82.9	75.0	92.5	74.2	133.3	71.7	0.763	67	117	SE by E	17	...	Fine.
8	29.873	0.127	83.5	75.8	92.9	74.0	132.2	71.3	0.790	68	129	E S E	17	...	Do.
9	29.875	0.133	83.6	77.0	93.4	75.3	131.5	72.9	0.810	73	152	E S E	30	...	Fine with passing clouds.
10	29.834	0.143	84.4	75.7	93.6	75.7	132.4	72.6	0.773	65	229	S E	13	...	Fine.
11	29.780	0.161	85.6	77.9	94.6	77.9	131.4	78.7	0.853	69	264	S E	27	...	Do.
12	29.798	0.126	85.9	78.6	92.4	81.1	130.7	80.0	0.881	70	295	SE by E	30	...	Fine with passing clouds.
13	29.889	0.127	85.2	77.0	92.6	78.6	132.5	76.7	0.818	67	245	SE by E	47	...	Do.
14	29.924	0.161	86.2	78.5	93.4	78.9	129.6	77.1	0.872	70	199	E S E	60	...	Passing clouds.
15	29.875	0.128	81.8	76.8	88.8	79.1	135.8	77.7	0.856	79	107	SE by E	83	0.30	Cloudy : th. : rain.
16	29.856	0.152	84.6	78.0	91.3	78.2	136.3	76.8	0.871	74	116	SE by E	77	0.04	Cloudy : lg. N. W.
17	29.916	0.126	84.1	77.1	93.3	79.0	117.2	78.4	0.837	72	112	E by S	67	...	Cloudy.
18	29.949	0.111	85.9	77.7	95.4	77.8	130.6	76.1	0.840	68	129	E N E	50	...	Passing clouds.
19	29.923	0.146	83.6	76.6	93.5	75.0	132.0	72.8	0.822	72	124	East	30	...	Fine with passing clouds.
20	29.898	0.136	83.5	74.4	92.6	74.0	132.6	...	0.730	63	168	E S E	10	...	Fine.
21	29.865	0.135	84.5	76.7	92.0	76.2	130.9	74.3	0.815	68	210	S E	7	...	Do.
22	29.858	0.119	85.0	76.5	93.3	77.8	131.2	74.8	0.799	67	196	S E	3	...	Clear.
23	29.888	0.116	83.4	74.4	91.8	75.6	132.4	72.7	0.731	63	182	SE by E	7	...	Fine.
24	29.892	0.121	84.3	75.6	92.7	74.1	134.4	70.4	0.770	66	217	SE by E	7	...	Do.
25	29.896	0.111	86.6	78.0	93.4	80.2	133.2	78.9	0.844	67	207	SE by E	37	...	Fine with passing clouds.
26	29.913	0.128	86.8	78.7	94.0	81.0	132.9	80.1	0.873	69	165	E by S	40	...	Do.
27	29.903	0.141	87.4	79.2	95.6	80.0	121.7	78.8	0.888	68	127	Esst	50	...	Passing clouds : lg. W.
28	29.867	0.142	86.9	79.1	95.8	80.2	134.0	78.8	0.890	69	165	E S E	30	...	Fine with light clouds.
29	29.835	0.148	86.5	79.1	96.0	80.2	130.6	78.9	0.895	70	162	SE by E	43	...	Passing clouds.
30	29.829	0.125	86.4	78.4	94.5	80.0	132.6	78.3	0.865	68	188	SE by E	23	...	Fine.
Mean	29.882	0.132	84.6	77.0	93.2	77.4	131.1	75.6	0.826	69	174	E S E	31	0.34	

Madras Meteorological Observations. 1878—May.

May 1878	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.860	0.092	87.7	79.3	95.4	81.1	135.7	79.5	0.888	67	152	E S E	40	...	Fine with passing clouds: lg. S. W.
2	29.818	0.133	87.6	79.3	94.2	82.3	124.3	80.7	0.890	67	178	SE by E	72	0.01	Passing clouds: th.
3	29.870	0.126	85.9	78.1	94.2	81.4	122.4	73.2	0.856	68	102	SE by S	93	...	Overcast.
4	29.842	0.133	86.4	78.7	94.4	79.4	127.7	78.7	0.878	71	168	E S E	53	...	Passing clouds.
5	29.838	0.117	86.7	78.9	95.4	80.4	120.9	79.1	0.884	69	204	S E	37	...	Fine with passing clouds.
6	29.827	0.133	87.1	79.8	94.4	81.3	141.4	80.7	0.920	71	243	SE by S	22	...	Fine with light clouds.
7	29.808	0.128	86.4	78.5	93.4	82.1	119.3	80.9	0.869	69	270	SE by S	63	...	Passing clouds: lg. S.
8	29.776	0.142	88.3	79.4	100.4	82.5	130.6	81.7	0.884	66	249	SE by S	47	...	Passing clouds.
9	29.790	0.128	87.1	79.3	98.6	82.5	133.2	81.9	0.897	69	259	SE by S	63	...	Passing clouds: lg. W.
10	29.815	0.137	87.7	78.6	96.0	82.2	129.9	81.6	0.857	66	251	SE by S	50	...	Light passing clouds: lg. W.
11	29.802	0.161	88.6	79.7	100.2	82.9	135.3	82.0	0.894	66	261	S S E	40	...	Fine with light clouds.
12	29.769	0.188	90.1	79.2	99.3	84.5	134.8	83.9	0.851	60	309	S S E	32	...	Fine with passing clouds.
13	29.763	0.130	88.5	80.1	97.9	85.1	115.7	84.4	0.914	63	295	SE by S	53	0.01	Passing clouds: th. W.
14	29.776	0.057	85.6	78.9	94.1	80.9	120.6	79.7	0.899	73	195	S S E	81	0.39	Cloudy: th. and lg.
15	29.786	0.136	86.4	78.7	94.1	79.2	131.7	77.8	0.878	70	168	SE by S	50	...	Light passing clouds.
16	29.797	0.092	87.0	78.5	95.6	80.1	133.8	78.8	0.861	67	184	SE by S	43	...	Fine with passing clouds.
17	29.814	0.100	87.7	80.6	95.2	81.0	141.1	78.8	0.950	73	163	SE by E	50	...	Light passing clouds.
18	29.792	0.143	86.7	78.7	95.5	80.6	132.4	79.2	0.874	69	133	S by E	57	...	Do.
19	29.749	0.104	85.8	76.4	105.0	81.4	117.6	80.2	0.784	63	120	S W	80	0.07	Cloudy: th. and lg.
20	29.767	0.136	90.1	77.1	106.4	80.9	140.0	79.6	0.756	53	204	South	27	...	Fine with passing clouds.
21	29.775	0.117	89.4	78.4	107.1	80.8	137.5	79.6	0.824	59	199	S by E	23	...	Do.
22	29.771	0.111	89.3	79.2	105.3	82.5	116.4	81.2	0.863	63	201	S S E	40	...	Do.
23	29.782	0.113	89.3	80.5	102.1	84.3	116.9	83.4	0.923	67	231	S S E	37	...	Do.
24	29.812	0.122	78.2	74.2	85.7	72.0	112.7	71.9	0.793	82	213	SE by S	90	1.12	Cloudy: th., lg. and rain.
25	29.773	0.121	86.1	79.8	93.0	78.2	131.4	76.4	0.933	75	210	SE by S	20	...	Fine with light clouds: lg. W.
26	29.780	0.134	88.6	80.6	102.0	82.7	134.4	81.6	0.937	69	252	S S E	23	...	Fine with light clouds.
27	29.778	0.142	88.5	79.5	100.6	82.6	133.0	81.7	0.887	66	256	S S E	27	...	Fine with light clouds: lg. W. to N.
28	29.763	0.113	89.2	79.0	105.0	82.9	121.0	81.9	0.854	62	208	SE by S	37	...	Fine with light clouds: lg. W.
29	29.708	0.149	90.8	78.5	104.7	84.0	136.6	82.8	0.810	56	219	S by E	37	...	Fine with light clouds: lg. N. W.
30	29.727	0.110	89.7	77.7	99.8	83.5	122.7	82.9	0.789	56	207	S by E	63	...	Passing clouds.
31	29.739	0.123	90.4	77.5	104.3	83.2	132.4	82.6	0.770	54	150	S by E	53	...	Light clouds.
Mean	29.790	0.128	87.6	78.8	98.2	81.6	128.5	80.4	0.867	66	208	S S E	48	1.60	

Madras Meteorological Observations. 1878—June.

June 1878	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches.	Inches	°	°	°	°	°	°	Inches	Cents.	Miles	Points	Cents	Inches	
1	29.720	0.142	90.9	79.6	108.9	82.6	137.9	82.3	0.859	59	212	South	37	...	Fine with passing clouds : lg. S. W.
2	29.698	0.131	90.6	77.8	109.5	83.3	119.6	82.7	0.781	54	238	S S W	50	...	Light clouds.
3	29.662	0.108	92.8	76.1	108.8	86.7	124.4	85.5	0.676	44	236	South	60	...	Light clouds : lg. S. W.
4	29.682	0.135	92.3	77.3	108.2	85.9	132.7	85.1	0.735	48	220	S by W	57	...	Light clouds : lg. N. W.
5	29.697	0.109	88.3	78.9	104.2	80.7	128.4	77.9	0.863	64	274	SW by W	73	0.03	Cloudy.
6	29.695	0.130	89.1	78.2	107.3	83.3	117.6	82.3	0.818	59	259	South	73	...	Do.
7	29.680	0.111	90.5	77.2	102.2	84.0	134.8	82.7	0.755	53	272	South	67	...	Light clouds.
8	29.678	0.141	91.0	76.6	107.1	85.4	135.4	84.4	0.722	49	252	S W	53	...	Do.
9	29.688	0.143	91.7	76.2	105.3	82.4	127.2	81.7	0.695	46	254	SW by S	60	...	Passing clouds.
10	29.669	0.118	89.3	78.1	107.7	81.2	123.4	83.8	0.813	59	250	S by E	63	...	Light clouds : lg. W.
11	29.695	0.093	91.0	77.2	105.6	85.2	135.0	84.5	0.748	51	186	S by W	53	...	Light passing clouds : lg. W. to N.
12	29.691	0.149	91.2	77.5	105.5	85.2	127.4	84.6	0.760	52	277	SW by S	43	...	Fine with light clouds.
13	29.669	0.129	92.2	76.6	106.9	84.9	139.8	85.3	0.706	47	265	W S W	60	...	Light passing clouds.
14	29.639	0.134	93.8	78.3	105.5	85.2	135.1	84.2	0.760	48	302	W S W	63	...	Do.
15	29.646	0.148	91.2	75.9	104.5	84.3	137.4	83.5	0.689	46	289	SW by S	57	...	Passing clouds.
16	29.668	0.103	89.6	74.7	105.4	83.6	114.6	82.7	0.660	47	277	S S W	37	...	Fine with light clouds.
17	29.681	0.121	88.8	77.1	97.3	83.1	145.4	82.3	0.774	57	276	S by E	47	...	Fine with passing clouds.
18	29.664	0.101	89.5	77.7	106.6	84.1	132.4	83.5	0.791	56	231	S by W	57	...	Passing clouds.
19	29.689	0.131	89.7	76.8	105.7	84.0	155.8	83.6	0.748	53	284	S S W	50	...	Do.
20	29.731	0.094	89.6	77.3	107.8	85.3	158.4	85.1	0.772	55	253	S by W	50	...	Fine with light clouds.
21	29.771	0.099	89.1	75.7	98.2	84.9	128.3	84.5	0.708	51	204	S S W	87	...	Cloudy : lg.
22	29.758	0.078	87.0	74.9	95.2	82.0	123.4	81.7	0.703	55	197	SW by S	93	0.02	Cloudy.
23	29.742	0.114	85.5	74.9	98.1	78.8	130.6	76.8	0.724	59	154	SW by S	100	...	Overcast.
24	29.745	0.094	87.1	76.8	95.4	82.3	121.2	79.5	0.784	60	137	South	97	...	Do.
25	29.792	0.130	81.5	75.3	87.0	77.6	108.6	76.7	0.796	74	131	S by W	100	0.01	Do.
26	29.787	0.106	85.6	77.6	96.3	79.0	140.0	78.1	0.840	68	213	South	73	...	Cloudy : lg. W.
27	29.733	0.167	84.9	75.7	99.6	78.2	152.2	77.7	0.765	61	242	SW by S	57	0.05	Passing clouds.
28	29.698	0.164	87.5	76.0	100.0	80.4	143.0	79.5	0.744	57	211	SW by W	67	0.01	Do.
29	29.701	0.111	86.8	76.3	103.1	80.2	139.8	79.1	0.766	60	214	S S W	53	...	Do.
30	29.739	0.105	87.5	76.8	95.3	81.9	117.4	81.6	0.778	60	184	SW by S	73	...	Cloudy.
Mean	29.704	0.121	89.2	76.8	102.9	82.9	132.2	82.1	0.758	55	233	S S W	61	0.12	

Madras Meteorological Observations. 1878—July.

July 1878	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.790	0.087	80.6	75.9	87.2	74.6	120.8	74.0	0.832	79	146	S W	100	1.05	Overcast.
2	29.742	0.140	85.0	78.8	98.4	80.1	147.7	78.9	0.902	75	151	S S W	70	...	Passing clouds.
3	29.679	0.125	84.9	78.7	94.4	81.7	139.3	80.6	0.898	75	193	South	97	1.18	Overcast : thunderstorm.
4	29.691	0.107	81.0	77.0	88.0	74.2	108.1	73.8	0.875	83	143	S by E	100	0.02	Overcast : th. and lg.
5	29.770	0.075	82.6	77.8	93.2	79.2	134.3	77.8	0.889	79	153	S S E	100	...	Overcast.
6	29.810	0.098	84.4	78.4	95.7	78.7	141.3	77.4	0.892	75	145	SE by S	27	...	Fine with passing clouds.
7	29.829	0.134	78.4	74.8	83.9	74.5	101.6	...	0.815	84	78	S W	90	0.34	Overcast : rain.
8	29.814	0.112	79.4	74.7	86.3	76.8	124.5	76.0	0.798	79	104	N N W	60	...	Fine with passing clouds.
9	29.814	0.111	82.7	77.5	90.4	76.6	135.1	75.5	0.875	78	107	E S E	32	0.50	Fine with passing clouds : rain.
10	29.798	0.137	83.1	76.1	89.6	77.5	137.9	76.6	0.807	71	141	S E	17	...	Fine.
11	29.801	0.105	85.2	78.5	92.6	79.4	136.5	77.8	0.886	73	140	SE by E	12	...	Do.
12	29.764	0.140	85.9	77.1	96.0	79.3	144.5	77.6	0.813	66	152	SE by S	5	...	Do.
13	29.695	0.142	86.5	79.1	97.6	81.0	143.7	79.2	0.895	70	162	SE by S	12	...	Do.
14	29.685	0.149	85.8	77.6	99.3	79.4	138.3	78.8	0.837	68	170	S by E	17	...	Do.
15	29.679	0.107	86.6	78.0	96.9	80.0	146.3	78.5	0.844	67	151	S by E	23	...	Fine with passing clouds.
16	29.659	0.110	86.5	78.1	99.3	82.8	141.1	82.4	0.849	67	145	S E	57	...	Hazy and cloudy.
17	29.683	0.086	85.4	77.2	93.8	82.1	112.5	81.6	0.824	67	97	S by E	90	...	Overcast : th.
18	29.701	0.085	83.8	76.5	90.3	80.2	112.9	77.5	0.815	70	123	NW by W	100	0.02	Overcast.
19	29.657	0.136	80.1	76.2	92.1	75.1	124.9	73.6	0.852	82	122	SW by W	100	0.52	Overcast with rain.
20	29.679	0.073	78.7	74.2	82.4	76.0	111.5	73.9	0.786	80	228	S S W	100	0.21	Do.
21	29.726	0.123	80.3	74.5	88.6	77.3	124.8	76.6	0.777	75	237	SW by S	100	0.07	Do.
22	29.751	0.054	77.4	74.0	79.4	75.4	92.3	73.9	0.795	84	162	SW by S	100	0.35	Do.
23	29.687	0.119	81.4	75.5	86.5	76.5	118.2	75.6	0.805	75	160	S S W	100	...	Overcast.
24	29.715	0.113	84.5	75.0	93.4	77.3	135.4	74.8	0.741	62	216	SW by S	80	0.02	Cloudy.
25	29.719	0.123	85.7	76.8	96.4	79.0	125.7	77.5	0.802	65	198	S S W	73	...	Do.
26	29.733	0.136	84.7	75.1	92.3	80.1	130.1	78.6	0.744	62	134	S S W	100	...	Overcast.
27	29.761	0.119	86.3	75.5	95.6	80.1	133.7	79.2	0.739	59	165	S S W	87	...	Chiefly overcast.
28	29.770	0.134	86.8	75.6	98.4	79.8	136.7	78.3	0.735	58	193	S S W	87	...	Do.
29	29.780	0.099	85.8	75.3	96.3	79.4	119.4	77.6	0.744	59	183	South	90	...	Overcast.
30	29.780	0.116	86.5	75.3	95.1	80.1	132.3	78.8	0.727	57	198	S S W	87	...	Cloudy.
31	29.768	0.101	85.3	76.0	92.2	81.6	114.3	80.1	0.773	63	107	SW by S	100	0.52	Overcast with rain.
Mean	29.740	0.113	83.6	76.5	92.3	78.6	127.9	77.4	0.818	71	155	S by W	71	4.80	

Madras Meteorological Observations. 1878—August.

August 1878	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.718	0.135	82.4	75.3	88.5	71.9	126.0	70.1	0.783	71	121	W by S	90	0.28	Overcast with rain.
2	29.705	0.104	80.0	74.5	87.5	76.9	125.2	75.4	0.781	76	163	S W	100	0.60	Do.
3	29.697	0.137	81.2	74.0	88.5	75.0	130.2	73.7	0.744	70	212	SW by S	93	0.05	Cloudy.
4	29.694	0.140	84.6	75.4	95.1	76.7	126.2	74.2	0.757	63	154	S W	73	0.03	Do.
5	29.684	0.126	85.1	75.1	94.3	78.9	137.3	77.8	0.738	61	204	S W	82	...	Do.
6	29.685	0.089	84.2	75.4	92.1	78.5	125.6	77.7	0.762	64	203	SW by S	90	0.01	Do.
7	29.702	0.106	84.1	75.4	95.2	78.1	122.8	75.9	0.764	65	215	S S W	90	0.49	Cloudy: rain.
8	29.763	0.108	82.3	75.9	95.2	75.3	134.4	75.8	0.809	73	143	S S W	63	0.02	Passing clouds: lg. N. E.
9	29.754	0.106	83.1	75.7	90.0	77.9	122.2	76.7	0.789	69	95	S S W	97	...	Overcast.
10	29.715	0.129	81.7	74.4	86.5	78.9	115.2	77.6	0.754	69	118	SW by W	100	...	Do.
11	29.701	0.079	76.8	73.8	78.8	74.9	96.1	74.0	0.795	86	191	S S W	100	0.51	Overcast with rain.
12	29.758	0.126	79.9	74.6	89.7	75.7	136.2	74.7	0.787	76	145	S S W	97	0.18	Do.
13	29.779	0.131	81.7	76.3	89.8	75.0	128.2	74.7	0.835	77	103	SW by S	98	0.30	Do.
14	29.811	0.145	78.8	74.5	86.9	73.9	118.0	72.9	0.799	80	107	South	97	2.21	Do.
15	29.820	0.116	82.2	77.1	91.4	77.7	123.4	76.7	0.864	79	173	S S E	60	...	Passing clouds.
16	29.797	0.136	84.1	78.1	94.6	78.7	152.7	77.7	0.881	75	210	S by E	60	...	Do.
17	29.792	0.113	84.5	76.9	94.0	77.6	142.5	76.5	0.824	70	155	S by W	73	0.04	Cloudy: lg. S. W. and N. W.
18	29.799	0.104	84.1	76.9	93.2	76.3	120.9	75.5	0.829	71	119	S W	70	...	Cloudy: lg. S.
19	29.789	0.114	84.9	77.9	96.6	78.5	147.5	76.9	0.863	72	140	S by E	40	...	Fine with light clouds: lg. W.
20	29.804	0.116	82.5	77.2	89.0	76.3	141.0	75.0	0.864	77	127	S by W	77	0.36	Cloudy: lg. N. W.: rain.
21	29.783	0.132	83.1	76.4	94.6	77.5	146.1	75.8	0.820	72	195	S S W	70	0.29	Cloudy: rain.
22	29.761	0.157	81.1	76.1	92.1	74.6	125.5	73.6	0.834	78	226	S by W	97	0.20	Overcast: lg. W. and S. W.
23	29.739	0.119	83.0	76.9	92.3	76.3	149.5	74.9	0.844	75	157	S by E	60	...	Passing clouds: lg. W. and N. W.
24	29.757	0.120	84.1	77.1	95.2	78.1	149.9	76.7	0.837	72	125	S by E	35	...	Fine with passing clouds: lg. W.
25	29.764	0.128	84.5	78.8	92.6	77.5	135.6	75.8	0.909	77	138	East	33	...	Fine with passing clouds.
26	29.772	0.135	83.4	76.2	95.8	75.1	149.5	73.7	0.808	70	173	South	17	...	Fine: lg. S. W.
27	29.778	0.138	82.9	77.0	92.9	77.6	122.4	76.6	0.849	75	97	SW by S	73	...	Cloudy.
28	29.770	0.164	81.8	76.2	92.6	77.3	139.7	75.9	0.830	77	107	South	73	0.01	Do.
29	29.744	0.154	83.1	75.6	91.3	76.9	150.6	75.9	0.786	69	136	South	47	...	Fine with passing clouds: lg. N.
30	29.765	0.111	85.0	77.4	94.0	79.1	148.3	77.9	0.839	70	93	SE by S	23	...	Fine with passing clouds: lg. W.
31	29.816	0.129	83.7	76.9	90.8	79.3	141.3	76.8	0.834	72	104	SE by E	50	0.04	Passing clouds: lg. N. W.
Mean	29.755	0.124	82.7	76.1	91.6	76.8	133.2	75.6	0.813	73	150	S by W	72	5.62	

Madras Meteorological Observations. 1878—September.

September 1878	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind				General Weather	
	Mean	Range			Dry		Sun	Grass								
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion	Clouds	Rain		
	Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.804	0.120	80.6	76.4	88.5	77.2	113.7	76.0	0.855	81	59	E N E	87	1.25	Cloudy with rain.	
2	29.784	0.130	82.0	76.3	88.1	76.2	144.4	73.8	0.831	76	81	SE by E	40	0.12	Fine with light clouds.	
3	29.783	0.115	83.6	77.7	89.2	79.3	143.8	77.7	0.871	75	137	SE by S	47	...	Passing clouds.	
4	29.806	0.133	81.1	75.8	93.7	75.6	121.9	73.7	0.821	77	107	South	73	0.38	Cloudy : rain.	
5	29.811	0.135	79.5	74.9	87.5	76.3	114.4	74.7	0.805	80	183	S S W	100	2.10	Overcast : th. lg. and rain.	
6	29.789	0.115	79.0	74.6	86.1	74.2	115.7	73.6	0.796	80	108	S W	100	0.47	Do. : do.	
7	29.794	0.125	81.5	74.9	90.3	74.6	136.9	74.3	0.778	73	98	S W	93	0.17	Cloudy with rain.	
8	29.818	0.131	81.7	74.4	92.2	77.2	125.4	76.0	0.754	69	128	S W	87	0.23	Cloudy : th. and lg. N.	
9	29.822	0.085	80.7	74.6	88.5	76.1	136.9	74.6	0.776	74	192	SW by S	83	0.02	Cloudy : th. and lg. W. and E.	
10	29.835	0.100	81.5	75.8	89.1	76.2	122.4	73.9	0.816	76	163	SW by S	93	0.07	Cloudy.	
11	29.785	0.148	82.9	75.8	94.9	77.5	148.4	76.6	0.797	71	144	S S W	63	0.30	Passing clouds : lg. : rain.	
12	29.710	0.188	84.3	75.3	93.2	77.6	145.4	76.5	0.757	64	152	SW by W	73	...	Passing clouds : lg. S.	
13	29.685	0.095	82.1	75.4	89.5	78.0	114.4	74.7	0.791	72	125	W S W	100	0.29	Overcast : rain.	
14	29.715	0.102	83.2	75.6	90.1	74.2	128.4	75.5	0.785	69	126	W S W	100	0.05	Overcast.	
15	29.740	0.137	85.8	75.9	94.3	79.2	138.2	77.8	0.763	61	187	SW by W	67	...	Cloudy.	
16	29.756	0.143	85.2	75.6	95.1	78.0	147.9	74.8	0.758	63	223	SW by S	57	0.18	Passing clouds : rain.	
17	29.718	0.161	85.3	76.0	96.0	77.1	147.4	75.4	0.773	63	189	S S W	42	...	Fine with passing clouds.	
18	29.673	0.142	86.5	75.8	96.3	78.0	144.4	75.8	0.747	59	194	S S W	40	...	Do.	
19	29.674	0.138	85.8	76.4	96.0	79.2	149.4	77.3	0.784	63	228	SW by S	40	...	Passing clouds.	
20	29.699	0.125	85.3	75.9	97.2	80.1	151.4	77.2	0.768	63	238	S S W	50	...	Fine with passing clouds.	
21	29.723	0.138	87.4	77.0	95.8	80.6	130.4	78.9	0.788	60	234	S S W	60	...	Passing clouds.	
22	29.750	0.158	84.9	76.9	97.4	79.6	152.4	77.0	0.818	68	158	S S W	67	0.01	Do.	
23	29.747	0.145	87.3	76.7	97.2	80.2	146.9	78.3	0.777	69	196	W S W	67	0.05	Do.	
24	29.761	0.142	85.8	76.1	97.3	78.1	150.4	75.7	0.771	62	165	SW by W	60	...	Do.	
25	29.775	0.116	84.1	76.2	93.3	80.5	137.6	79.3	0.798	68	118	SW by W	83	...	Cloudy.	
26	29.797	0.154	84.2	75.4	93.2	78.2	130.8	77.7	0.763	64	175	W by S	73	...	Cloudy : lg. E.	
27	29.766	0.137	82.0	76.2	94.4	77.2	131.4	75.7	0.827	75	111	South	87	0.38	Cloudy : rain.	
28	29.753	0.121	81.3	76.3	88.1	76.3	120.6	74.9	0.840	78	125	W by N	90	...	Cloudy.	
29	29.734	0.133	80.9	75.9	91.4	77.0	125.1	75.7	0.828	78	136	N by E	53	...	Light passing clouds : lg. N. W.	
30	29.737	0.119	82.3	77.1	90.1	77.2	142.4	75.7	0.855	76	106	East	57	...	Passing clouds.	
Mean	29.758	0.131	83.3	75.9	92.5	77.6	135.2	76.0	0.796	70	153	SW by S	71	6.07		

Madras Meteorological Observations. 1878—October.

October 1878	BAROMETER REDUCED TO 32°		Corrected Mean Temperatrure		SELF REGISTERING THERMOMETERS				Deducted		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.732	0.143	82.8	77.0	89.4	77.2	147.3	76.3	0.851	75	135	S E	47	0.15	Cloudy day : fine night.
2	29.713	0.147	82.3	77.7	88.1	76.6	144.3	75.5	0.889	81	166	SE by E	67	0.09	Passing clouds.
3	29.740	0.132	81.5	77.1	90.2	77.2	128.2	75.5	0.872	81	126	S E by S	83	...	Cheifly overcast.
4	29.794	0.151	77.8	74.4	84.0	75.9	120.9	69.5	0.806	84	148	S S W	97	0.28	Overcast with rain.
5	29.804	0.151	82.8	76.5	91.8	76.6	119.3	75.0	0.829	78	138	S by E	78	0.66	Overcast : th. and lg. N.
6	29.801	0.149	78.2	74.9	89.2	72.3	135.3	71.5	0.820	84	138	SW by S	93	4.37	Overcast : th. N. W.
7	29.814	0.120	81.6	76.2	89.3	74.6	135.3	73.7	0.832	77	132	West	90	0.10	Cloudy.
8	29.827	0.126	81.8	76.4	89.4	77.4	129.3	75.6	0.838	77	126	NW by W	97	...	Overcast.
9	29.823	0.127	83.2	77.4	91.6	77.0	137.3	74.7	0.863	75	102	N W	97	...	Do.
10	29.817	0.152	82.9	76.5	89.8	78.3	128.1	76.3	0.827	73	74	NW by N	93	...	Do.
11	29.815	0.119	84.1	77.1	92.2	77.0	149.3	74.5	0.837	72	126	NW by N	70	...	Light clouds.
12	29.820	0.109	84.3	75.6	92.3	80.3	149.3	71.5	0.769	65	115	N by E	70	...	Do.
13	29.787	0.112	80.1	74.8	85.1	75.6	115.3	72.6	0.782	76	52	NE by N	100	0.06	Overcast.
14	29.787	0.127	80.4	72.5	91.6	73.1	145.3	71.3	0.694	67	90	NW by N	97	0.06	Do.
15	29.754	0.124	82.5	73.4	95.7	73.1	151.3	68.9	0.702	63	120	W S W	53	...	Fine with passing clouds.
16	29.740	0.117	81.5	75.4	96.5	77.0	150.2	74.6	0.801	74	161	S S W	73	0.45	Cloudy : thunderstorm.
17	29.783	0.095	81.5	77.2	89.8	76.4	140.1	75.5	0.877	81	134	S by E	43	...	Passing clouds : th. aud lg.
18	29.838	0.125	80.3	76.5	87.5	77.2	140.2	76.4	0.863	83	93	S by E	67	0.03	Passing clouds : lg. W.
19	29.840	0.145	82.0	76.5	89.7	77.8	141.2	75.5	0.840	77	145	SE by S	37	...	Fine with passing clouds.
20	29.827	0.157	82.7	76.5	91.4	76.4	148.2	73.4	0.830	74	142	SE by S	18	...	Fine with light clouds.
21	29.815	0.146	83.1	77.2	93.0	78.4	141.1	75.5	0.855	75	112	SE by S	28	...	Do.
22	29.851	0.133	82.4	77.1	89.5	76.9	146.2	73.8	0.861	77	91	E S E	40	...	Fine with passing clouds.
23	29.861	0.126	82.6	76.0	92.0	76.2	143.7	72.5	0.810	73	96	East	37	0.01	Do.
24	29.835	0.130	82.2	76.0	90.7	76.4	148.0	72.7	0.815	74	98	N E	23	...	Fine.
25	29.846	0.114	81.6	74.5	91.4	74.1	150.3	69.9	0.760	71	128	N N E	25	...	Do.
26	29.822	0.108	82.2	74.6	92.2	75.2	146.4	70.9	0.756	69	185	N by E	48	...	Passing clouds.
27	29.803	0.122	82.0	73.6	89.8	77.0	130.6	74.4	0.717	65	276	North	83	...	Cloudy.
28	29.751	0.111	79.7	70.8	85.4	77.2	110.0	76.1	0.636	62	252	N N W	90	...	Overcast.
29	29.722	0.126	80.7	70.6	91.0	73.2	136.2	71.7	0.615	59	135	West	80	...	Cloudy.
30	29.711	0.109	82.9	74.2	94.2	74.0	146.8	70.6	0.730	64	105	W by S	73	...	Overcast.
31	29.745	0.096	82.7	74.5	90.4	77.8	118.8	76.2	0.745	66	85	S W	90	...	Do.
Mean	29.794	0.127	81.8	75.4	90.5	76.2	137.9	73.6	0.797	73	130	W S W	67	6.26	

Madras Meteorological Observations. 1878—November.

November 1878	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city.	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.771	0.120	77.7	75.1	91.2	75.9	141.1	74.7	0.839	89	73	W N W	90	0.51	Cloudy with rain.
2	29.748	0.105	81.0	76.8	88.8	75.6	140.4	74.7	0.866	82	131	N N W	70	0.11	Do.
3	29.722	0.120	81.1	76.7	88.8	76.4	116.0	74.7	0.863	81	128	N by W	87	0.09	Do.
4	29.662	0.110	80.6	75.4	86.4	76.2	111.4	74.5	0.814	77	132	W by N	100	...	Overcast.
5	29.682	0.125	81.0	72.6	88.8	77.0	129.2	75.6	0.689	65	161	W by S	90	...	Cloudy.
6	29.759	0.108	80.5	69.0	94.8	70.3	148.2	64.2	0.556	53	122	SW by S	17	...	Fine.
7	29.856	0.085	80.8	75.6	90.3	74.0	113.4	70.7	0.816	78	80	SE by E	53	...	Passing clouds.
8	29.885	0.109	81.8	76.5	89.6	75.5	145.4	72.6	0.842	77	87	E S E	33	...	Fine.
9	29.894	0.113	81.3	75.6	90.7	74.6	146.0	71.0	0.811	76	87	E by S	20	...	Do.
10	29.904	0.097	81.1	75.2	90.1	75.0	145.2	71.7	0.796	74	89	E N E	18	...	Do.
11	29.907	0.122	81.3	75.0	90.0	74.2	146.6	70.9	0.785	73	119	NE by E	20	...	Do.
12	29.892	0.099	80.7	74.2	90.5	73.9	146.2	70.0	0.759	72	117	N E	30	...	Fine with passing clouds.
13	29.888	0.128	81.9	74.4	91.7	73.9	147.0	70.0	0.751	69	165	N N E	60	...	Passing clouds.
14	29.908	0.108	81.6	72.9	89.6	74.9	139.5	72.3	0.689	64	178	N by E	23	...	Fine with light clouds.
15	29.904	0.128	79.6	71.5	90.3	71.8	152.7	68.0	0.665	66	156	North	30	...	Do.
16	29.885	0.113	78.0	70.1	89.5	68.7	150.4	63.9	0.631	65	177	N by W	67	...	Light passing clouds.
17	29.869	0.130	77.9	69.3	85.9	71.6	115.6	69.5	0.603	63	139	N by W	97	...	Chiefly overcast.
18	29.877	0.114	75.8	66.0	80.4	71.9	108.6	69.6	0.508	56	184	N N W	97	...	Do.
19	29.867	0.122	68.4	62.3	72.9	61.5	102.6	61.8	0.482	70	195	N W	100	0.01	Overcast.
20	29.840	0.110	74.0	69.6	82.5	68.6	116.2	67.8	0.666	79	157	W N W	100	0.01	Overcast : lg. N. E.
21	29.864	0.111	79.9	73.9	87.1	73.2	129.9	72.2	0.757	74	136	S by W	53	...	Cloudy day : fine night : lg. S. W.
22	29.892	0.117	81.6	75.2	88.5	78.1	138.4	76.6	0.789	73	173	E by S	50	...	Passing clouds.
23	29.921	0.101	80.6	74.5	89.5	75.5	145.4	72.4	0.774	74	151	N E	63	0.02	Do.
24	29.906	0.128	79.3	74.7	84.3	75.7	118.2	73.0	0.799	80	185	North	87	0.16	Cloudy with rain.
25	29.928	0.077	78.9	74.8	85.1	74.6	126.4	73.6	0.809	82	161	N by E	70	0.12	Do.
26	29.942	0.121	80.4	74.5	88.7	73.1	143.4	70.8	0.775	74	191	N N E	47	...	Passing clouds.
27	29.941	0.106	80.3	72.2	88.4	73.5	137.2	70.3	0.683	66	233	N N E	40	...	Fine with passing clouds.
28	29.923	0.102	77.0	69.3	88.6	68.0	149.2	63.7	0.615	66	179	N by E	40	...	Do.
29	29.915	0.099	78.7	70.6	88.3	69.9	137.6	66.4	0.642	66	213	North	53	0.01	Cloudy.
30	29.902	0.111	77.9	73.0	84.4	73.0	115.4	71.2	0.747	78	212	N by E	87	1.06	Overcast with rain.
Mean	29.862	0.111	79.4	72.9	87.9	73.2	133.4	70.6	0.727	72	150	N by E	60	2.10	

Madras Meteorological Observations. 1878—December.

December 1878	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Rango			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.894	0.134	77.5	73.6	84.6	72.0	145.9	71.1	0.777	82	128	N by E	80	0.47	Cloudy with rain.
2	29.895	0.106	78.7	74.1	86.2	73.2	140.3	72.1	0.782	80	155	N by W	67	0.05	Passing clouds.
3	29.875	0.087	78.5	73.8	84.1	74.1	127.4	73.1	0.772	79	256	N by W	90	...	Cloudy.
4	29.796	0.083	75.3	71.4	77.0	73.0	98.7	72.6	0.717	81	287	NW by N	100	0.04	Overcast.
5	29.741	0.110	79.2	70.4	83.2	75.6	116.3	73.9	0.626	61	287	N W	97	...	Do.
6	29.733	0.129	81.5	73.4	93.0	75.0	147.7	72.1	0.715	66	136	N W	63	...	Passing clouds.
7	29.732	0.143	83.3	74.5	94.7	76.8	145.8	75.3	0.737	64	171	SW by S	30	...	Fine.
8	29.793	0.123	81.7	75.4	90.9	76.8	147.0	74.7	0.797	73	134	S by E	13	...	Do.
9	29.860	0.136	77.8	74.8	86.8	76.3	126.0	74.0	0.823	86	81	S E	87	0.31	Cloudy with rain.
10	29.865	0.123	79.3	74.4	87.5	74.2	109.5	72.3	0.787	78	79	N E	70	0.15	Passing clouds : rain.
11	29.890	0.103	77.7	73.5	85.6	72.2	139.5	70.1	0.771	81	126	N by E	60	0.01	Passing clouds.
12	29.862	0.106	78.0	72.5	87.9	70.6	112.7	67.9	0.726	76	150	N by E	40	...	Do.
13	29.863	0.109	78.2	72.6	87.2	71.2	146.5	68.4	0.727	76	170	N by E	40	...	Fine with passing clouds.
14	29.884	0.106	78.6	72.2	86.4	72.1	143.5	69.5	0.705	72	193	N by E	50	...	Cloudy.
15	29.935	0.085	78.9	71.9	85.9	75.9	120.9	74.0	0.689	70	256	NE by N	67	0.05	Do.
16	29.927	0.119	77.2	70.5	84.7	71.2	116.5	69.4	0.658	70	244	North	83	...	Do.
17	29.929	0.114	76.3	70.6	81.7	73.2	117.0	72.5	0.673	74	260	N by W	90	...	Chiefly overcast.
18	29.912	0.102	77.1	69.2	85.6	69.7	144.0	67.4	0.609	65	305	N by W	60	...	Passing clouds.
19	29.932	0.082	73.5	70.1	79.9	75.2	92.5	73.5	0.692	83	278	N N W	100	0.55	Overcast with rain.
20	29.939	0.127	72.1	66.6	76.8	68.6	105.5	68.8	0.580	74	234	NW by N	93	...	Chiefly overcast.
21	29.885	0.152	73.7	66.8	82.5	68.2	122.7	65.5	0.566	68	193	N N W	37	...	Light passing clouds.
22	29.873	0.117	72.0	66.0	84.7	61.6	127.7	58.3	0.560	71	142	N by W	27	...	Fine with passing clouds.
23	29.926	0.090	73.8	66.9	83.2	66.2	119.1	62.4	0.568	68	164	North	20	...	Fine.
24	29.957	0.094	73.1	64.9	83.2	63.1	114.3	59.4	0.507	62	174	North	33	...	Fine day : cloudy night.
25	29.966	0.095	74.1	68.2	82.6	68.5	113.3	66.2	0.612	72	198	N by W	80	...	Chiefly overcast.
26	29.954	0.129	77.9	72.5	87.5	70.4	143.1	68.0	0.727	76	150	N by E	63	...	Cloudy.
27	29.972	0.099	79.8	74.5	87.9	75.7	141.3	73.7	0.784	76	195	N E	63	...	Passing clouds.
28	29.981	0.118	78.7	73.4	87.5	72.2	142.9	70.7	0.753	76	163	N N E	40	...	Fine with passing clouds.
29	29.998	0.133	77.9	71.8	86.2	70.4	133.0	67.4	0.700	74	102	NE by E	37	...	Do.
30	30.004	0.120	75.4	68.9	86.1	68.2	140.3	64.8	0.621	71	100	N E	40	...	Do.
31	30.002	0.120	73.6	64.1	86.5	63.4	143.4	59.5	0.473	57	176	N N E	17	...	Fine.
Mean	29.896	0.113	77.1	71.1	85.4	71.4	128.5	69.3	0.685	73	183	N by E	59	1.63	

Madras Mean Monthly and Annual Meteorological Results in 1878.

	Barometer		Dry Bulb Thermometer				Wet Bulb		Tension of Vapour	Relative Humidity	Sun Maximum	Sun Minimum on Glass	Wind		Rain		Clear Sky																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
	Reduced to 32°	Daily Range	Mean	Max.	Min.	Range	Mean	Min.	By Blandford's Tables	Miles			Points	Mean Direction	Amount	Days																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
											Inches	Inches						Cents	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°

Madras Extreme Monthly Meteorological Records in 1878.

	Barometer			Dry Bulb Thermometer				Wet Bulb		Humidity		Sun Thermometer		Grass Thermometer		Wind		Rain					
	Inches	Lowest		Range	Highest		Lowest		Lowest	Lowest		Highest		Lowest		Highest	Lowest		Greatest Fall				
		Day	Inches		Day	Inches	Day	°		Day	Cents	Day	°	Day	°		Day	Miles		Day	Inches	Day	
January ...	30-158	11	29-767	1	0-391	92-9	1	67-1	19	63-6	19	47	18	148-2	30	62-8	19	245	18	73	31	0-06	22
February ..	30-135	7	29-880	27	0-255	91-9	11	67-1	6	66-0	6	35	11	148-6	4	62-6	6	175	7	55	10	...	...
March	30-117	13	29-720	31	0-397	94-3	29	69-3	27	66-9	27	38	25	141-3	2	64-9	27	252	31	69	24	...	...
April	30-005	14	29-703	11	0-302	96-0	29	72-0	4	69-9	5	44	20	136-3	16	68-1	4	205	12	107	15	0-30	15
May	29-928	24	29-626	29	0-302	107-1	21	72-0	24	70-0	24	31	20	141-4	6	71-9	24	309	12	102	3	1-12	24
June	29-841	25	29-564	14	0-277	109-5	2	77-6	25	70-4	9	31	9	158-4	20	76-7	25	302	14	131	25	0-05	27
July	29-889	7	29-581	19	0-308	99-3	16	74-2	4	70-4	7	40	28	147-7	2	73-6	19	237	21	78	7	1-18	3
August	29-873	14	29-607	5	0-266	96-6	19	71-9	1	68-6	1	44	4	152-7	16	70-1	1	226	22	93	30	2-21	14
September	29-884	10	29-602	19	0-282	97-4	22	74-2	6	71-1	19	42	24	152-4	22	73-6	6	238	20	59	1	2-10	5
October	29-928	23	29-645	2	0-283	96-5	16	72-3	6	67-1	29	43	15	151-3	15	68-9	15	276	27	52	13	4-37	6
November.	30-001	26	29-612	5	0-389	94-8	6	61-5	19	57-8	19	34	6	152-7	15	61-8	19	233	27	73	1	1-06	30
December.	30-073	29	29-668	6	0-405	94-7	7	61-6	22	59-6	22	41	31	147-7	6	58-3	22	305	18	79	10	0-55	19

Madras Meteorological Observations. 1879—January.

January 1879	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	30.019	0.120	75.1	62.9	85.2	63.2	145.4	58.6	0.412	47	171	N N E	53	...	Fine day : cloudy night.
2	30.002	0.112	75.9	63.9	87.0	72.3	145.6	71.7	0.505	56	161	N by E	53	...	Cloudy day : fine night.
3	29.995	0.099	77.5	70.0	88.6	67.2	145.1	61.3	0.634	67	157	N by E	37	...	Fine with light clouds.
4	30.034	0.091	76.0	71.0	84.7	73.2	120.6	71.6	0.693	77	124	N E	70	0.12	Passing clouds.
5	30.021	0.129	76.7	70.9	86.4	70.3	103.9	68.2	0.680	73	184	N E	60	...	Do.
6	30.002	0.135	76.6	69.1	85.7	69.4	136.4	67.2	0.611	67	170	NE by N	43	...	Fine with passing clouds.
7	29.997	0.113	74.9	67.2	86.3	65.1	145.4	60.8	0.565	65	141	N E	23	...	Fine with light clouds.
8	29.982	0.105	75.0	69.4	83.7	68.6	116.4	66.8	0.645	74	196	N N E	63	...	Cloudy.
9	29.965	0.125	77.4	70.2	86.1	69.3	141.7	66.6	0.643	68	184	N N E	43	...	Fine with passing clouds.
10	29.983	0.125	76.8	69.3	85.7	69.7	141.6	68.1	0.617	67	160	N E	50	0.02	Do.
11	30.023	0.103	77.1	70.3	87.4	67.5	144.4	64.8	0.651	69	192	NE by N	53	...	Do.
12	30.013	0.105	75.0	70.8	82.8	70.2	126.7	69.3	0.699	80	236	NE by N	83	0.41	Cloudy : rain.
13	29.989	0.131	74.0	68.5	84.4	68.7	138.4	66.6	0.625	74	176	North	90	...	Cloudy.
14	29.998	0.125	76.5	68.4	86.8	68.2	146.7	65.2	0.588	64	184	N by E	60	...	Fine with passing clouds.
15	29.985	0.098	76.2	68.1	85.5	68.6	118.0	66.6	0.580	64	203	N by E	67	...	Passing clouds.
16	29.940	0.119	76.2	68.3	85.3	69.2	131.7	67.1	0.587	64	219	N by E	37	...	Fine with light clouds.
17	29.911	0.136	74.2	66.8	86.3	65.3	145.1	62.2	0.559	66	172	North	13	...	Fine.
18	29.911	0.137	75.0	67.2	87.3	62.2	144.4	58.2	0.564	64	164	N by E	10	...	Do.
19	29.904	0.118	74.7	66.0	86.9	63.7	138.6	59.6	0.524	61	206	North	10	...	Do.
20	29.888	0.094	75.5	66.8	84.7	66.2	140.4	62.6	0.542	62	245	N by W	10	...	Do.
21	29.897	0.105	76.1	71.3	83.8	69.7	108.9	68.9	0.704	77	300	N N W	87	0.02	Overcast
22	29.931	0.109	77.7	74.8	84.5	73.2	118.7	73.0	0.822	86	218	N E	97	0.73	Overcast : rain.
23	29.981	0.114	78.5	72.6	84.3	74.8	139.8	72.8	0.723	74	147	E by S	37	...	Fine with passing clouds.
24	29.978	0.129	77.3	71.5	85.5	69.6	141.6	67.8	0.696	74	120	E by N	40	...	Do.
25	29.994	0.130	77.2	71.4	86.1	69.3	127.0	66.6	0.693	73	137	N E	33	...	Do.
26	30.032	0.122	75.4	67.2	85.5	66.2	138.8	63.6	0.558	63	148	NE by N	13	...	Fine.
27	30.033	0.126	74.8	65.7	84.5	65.6	141.7	63.8	0.512	60	144	NE by N	20	...	Do.
28	29.996	0.139	74.6	66.0	84.7	66.5	142.7	63.6	0.526	61	121	N N E	30	...	Fine with passing clouds.
29	29.974	0.170	74.8	66.2	86.2	63.8	146.6	60.7	0.530	61	128	N by E	33	...	Fine with light clouds.
30	30.028	0.119	74.0	67.5	86.5	65.3	136.7	60.8	0.589	70	125	N N E	47	...	Do.
31	30.037	0.123	74.2	68.5	86.8	65.6	142.5	63.8	0.622	73	146	N by E	33	...	Fine with passing clouds.
Mean	29.982	0.120	75.8	68.7	85.7	68.0	135.5	65.5	0.610	68	174	N N E	45	1.30	

Madras Meteorological Observations. 1879—February.

February 1879	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	30.070	0.110	74.5	67.4	85.4	65.6	143.1	62.4	0.577	68	92	NE by N	20	...	Fine with light clouds.
2	30.061	0.133	73.4	65.5	85.7	62.8	139.9	59.1	0.525	63	82	E N E	10	...	Fine.
3	30.054	0.114	73.9	65.5	85.8	63.7	142.8	59.8	0.516	61	94	E N E	37	...	Fine with passing clouds.
4	30.071	0.116	77.9	66.6	86.8	69.5	143.1	66.6	0.502	52	200	N E	57	...	Passing clouds.
5	30.069	0.111	77.4	66.1	86.8	71.0	148.5	67.6	0.490	52	170	N by E	57	...	Do.
6	30.022	0.128	74.3	66.3	85.8	65.8	146.7	62.0	0.540	63	155	N by E	10	...	Fine.
7	30.000	0.089	74.7	66.2	85.0	62.3	146.4	58.6	0.531	61	129	N N E	17	...	Do.
8	29.991	0.115	76.4	69.1	86.8	68.1	145.7	65.4	0.615	67	132	NE by N	20	...	Do.
9	29.987	0.080	76.3	67.5	86.5	65.3	145.5	61.7	0.557	61	108	E N E	17	...	Do.
10	30.004	0.099	76.1	70.0	86.7	65.2	143.4	62.8	0.653	73	110	E N E	23	...	Fine with light clouds.
11	30.014	0.104	77.6	71.4	87.7	66.4	144.0	63.6	0.687	72	120	E by N	43	...	Fine with passing clouds.
12	30.009	0.124	78.8	72.9	88.2	71.8	140.4	69.7	0.730	74	127	E N E	50	...	Do.
13	30.014	0.146	79.1	72.6	89.1	70.3	147.5	67.6	0.712	72	121	E N E	37	...	Do.
14	29.995	0.146	78.9	72.2	87.9	70.0	145.7	66.9	0.701	71	103	E by N	30	...	Do.
15	29.968	0.107	77.0	70.9	87.0	68.5	145.7	66.3	0.676	73	124	E by N	33	...	Do.
16	29.921	0.132	77.3	69.8	86.7	68.5	145.1	65.3	0.629	67	125	E by N	30	...	Do.
17	29.929	0.125	77.0	67.5	86.6	66.1	145.7	63.4	0.548	59	111	NE by E	30	...	Do.
18	29.949	0.101	77.7	69.5	87.0	67.3	137.4	64.9	0.613	64	120	NE by N	37	...	Do.
19	29.929	0.132	78.3	70.3	88.3	68.0	144.4	65.3	0.635	65	166	N E	30	...	Fine with light clouds.
20	29.885	0.130	79.2	72.2	89.2	73.2	119.7	70.1	0.697	70	168	E N E	47	...	Fine with passing clouds.
21	29.878	0.131	79.5	73.0	88.3	70.7	141.0	68.2	0.726	72	139	East	47	...	Do.
22	29.848	0.139	80.2	73.8	86.8	73.9	144.3	71.8	0.749	72	130	E by S	57	...	Do.
23	29.849	0.147	80.5	73.9	87.9	75.5	116.1	74.7	0.749	72	139	E by S	33	...	Do.
24	29.922	0.093	79.2	71.9	89.1	71.7	146.5	68.9	0.685	68	151	E N E	20	...	Do.
25	29.947	0.111	79.7	71.6	89.1	70.2	145.1	67.8	0.668	66	126	NE by E	23	...	Do.
26	29.929	0.123	79.3	71.3	88.5	69.3	146.3	66.4	0.661	66	135	N E	33	...	Do.
27	29.883	0.135	78.6	72.3	90.1	69.0	147.5	66.0	0.710	72	94	E by N	20	...	Fine.
28	29.869	0.135	79.9	72.8	92.6	70.2	152.0	67.1	0.713	70	113	E S E	7	...	Do.
Mean	29.967	0.120	77.6	70.0	87.6	68.6	144.0	65.7	0.634	67	128	E N E	31	Nil.	

Madras Meteorological Observations. 1879—March.

March 1879	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deducted		Wind		Clouds	Rain	General Weather.
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.846	0.138	82.3	70.4	96.0	72.7	150.6	70.0	0.584	52	173	SE by S	7	...	Fine.
2	29.853	0.113	81.1	74.1	90.1	73.7	148.3	71.2	0.750	71	175	S E	13	...	Do.
3	29.870	0.146	81.7	75.8	92.0	75.4	148.4	73.6	0.813	75	174	S E	33	...	Fine with passing clouds.
4	29.865	0.143	81.2	73.9	93.8	74.1	147.9	72.0	0.740	70	199	SE by S	17	...	Fine.
5	29.877	0.110	80.7	73.7	88.4	73.6	147.9	70.9	0.739	71	174	S E	10	...	Do.
6	29.941	0.113	80.3	73.0	88.9	72.4	147.9	68.3	0.715	68	129	SE by E	10	...	Do.
7	29.974	0.130	80.4	72.9	88.9	72.1	147.9	69.8	0.710	68	100	E by S	20	...	Do.
8	29.980	0.131	80.6	73.3	89.9	72.1	149.4	69.2	0.723	68	75	East	40	...	Fine with passing clouds.
9	29.973	0.128	79.2	71.7	89.3	70.4	145.2	67.0	0.677	68	83	East	27	...	Fine.
10	29.958	0.141	77.1	69.8	87.5	67.2	145.5	63.4	0.632	67	93	E S E	17	...	Do.
11	29.908	0.133	78.2	70.8	89.2	65.3	147.2	61.4	0.655	68	130	S E	10	...	Do.
12	29.852	0.163	79.6	72.7	89.5	69.9	149.2	66.6	0.713	70	136	SE by E	10	...	Do.
13	29.827	0.127	80.4	72.1	90.1	69.1	149.6	65.2	0.678	64	144	SE by E	17	...	Do.
14	29.865	0.130	81.4	75.0	90.0	72.2	149.9	68.2	0.783	73	161	SE by E	17	...	Do.
15	29.866	0.136	81.2	74.5	91.7	72.4	148.6	69.0	0.765	72	143	SE by E	20	...	Do.
16	29.868	0.144	81.4	73.7	92.2	73.5	149.6	70.7	0.729	68	121	SE by E	23	...	Fine with passing clouds.
17	29.868	0.123	78.8	73.2	92.9	68.4	140.3	64.2	0.744	76	103	E S E	37	...	Do.
18	29.893	0.110	81.8	75.1	89.0	74.6	118.4	71.9	0.782	72	100	E S E	87	...	Cloudy.
19	29.856	0.130	81.0	75.7	92.1	77.1	138.0	74.5	0.778	66	146	SE by E	67	...	Do.
20	29.860	0.133	78.6	74.2	85.0	75.1	114.4	73.9	0.787	80	104	SE by S	92	0.60	Cloudy : lg. S. W. : rain.
21	29.882	0.111	79.3	74.2	86.9	70.3	143.3	69.6	0.779	78	113	SE by S	80	0.58	Thunderstorm : cloudy.
22	29.949	0.151	80.3	75.0	87.3	73.4	142.4	72.0	0.797	76	100	SE by E	47	0.32	Passing clouds : rain.
23	29.951	0.127	82.2	76.0	90.9	75.7	141.9	74.5	0.815	74	91	NE by E	32	...	Fine with passing clouds.
24	29.914	0.126	81.8	75.3	89.9	74.7	144.0	72.9	0.791	73	77	E by N	43	...	Do.
25	29.961	0.106	82.4	75.7	90.8	74.5	150.3	72.7	0.799	72	91	E by N	37	...	Do.
26	29.968	0.131	83.2	76.4	90.6	76.1	147.2	73.9	0.819	71	112	E by N	50	...	Passing clouds.
27	29.966	0.161	81.7	74.9	91.3	75.6	150.4	73.6	0.774	71	79	E by S	40	...	Fine with passing clouds.
28	29.904	0.166	80.9	71.2	93.2	71.8	148.9	68.9	0.636	60	113	SE by S	23	...	Fine.
29	29.839	0.156	81.6	73.1	96.3	71.4	147.0	68.7	0.702	65	134	S S E	27	...	Fine with light clouds.
30	29.847	0.116	82.7	75.2	92.1	76.4	139.0	74.9	0.774	69	158	S E	17	...	Fine.
31	29.887	0.141	81.9	74.1	90.5	75.3	124.4	73.5	0.739	68	112	SE by E	30	...	Fine with light clouds.
Mean	29.900	0.133	80.9	73.8	90.5	72.8	144.0	70.2	0.739	70	124	SE by E	32	1.50	

Madras Meteorological Observations. 1879—April.

April 1879	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cent	Miles	Points	Cents	Inches	
1	29.873	0.126	80.5	73.3	89.8	72.1	146.5	69.0	0.724	69	98	E S E	27	...	Fine with light clouds.
2	29.808	0.152	82.1	73.8	91.4	74.0	128.4	72.4	0.723	65	145	S E	30	...	Fine with passing clouds.
3	29.828	0.117	83.3	74.9	91.1	74.2	146.3	71.9	0.753	65	183	S E	13	...	Fine.
4	29.848	0.125	84.4	77.1	92.4	77.5	145.7	75.1	0.833	70	154	SE by S	30	...	Fine with light clouds.
5	29.807	0.145	83.7	77.7	93.1	77.1	149.4	74.9	0.870	75	175	SE by S	40	...	Passing clouds.
6	29.775	0.138	84.3	77.6	97.0	78.1	150.0	75.9	0.857	73	218	SE by S	20	...	Fine with passing clouds.
7	29.778	0.134	84.0	78.7	92.1	78.7	144.4	76.9	0.911	77	191	SE by E	40	...	Passing clouds.
8	29.759	0.111	85.3	78.1	96.7	77.3	150.4	74.9	0.866	71	106	E S E	20	...	Fine.
9	29.759	0.109	85.3	78.7	97.5	77.5	148.5	75.2	0.893	74	132	SE by E	17	...	Do.
10	29.790	0.130	84.7	77.1	93.5	77.3	149.2	74.6	0.830	70	134	SE by E	13	...	Do.
11	29.769	0.138	85.0	78.7	95.5	76.2	149.5	73.6	0.897	74	116	S E	47	...	Light passing clouds.
12	29.761	0.128	85.1	79.0	95.4	79.0	146.3	76.9	0.910	76	178	SE by S	53	...	Light clouds.
13	29.767	0.127	86.0	79.1	102.9	79.8	141.7	78.7	0.901	72	241	S S E	30	...	Fine with light clouds.
14	29.787	0.109	86.4	77.6	99.8	80.7	145.1	79.5	0.829	66	220	S S E	30	...	Do.
15	29.756	0.169	86.8	77.1	108.3	80.7	155.7	79.9	0.801	63	212	S S E	7	...	Fine.
16	29.725	0.167	87.7	78.0	104.2	81.5	151.8	80.1	0.829	62	224	S by E	37	...	Light passing clouds.
17	29.744	0.149	86.3	79.0	100.0	81.3	148.1	80.6	0.894	70	249	SE by S	33	...	Passing clouds.
18	29.778	0.127	86.0	79.2	91.7	81.2	141.6	80.1	0.907	72	286	S E	33	...	Fine with passing clouds.
19	29.785	0.133	85.1	79.0	90.8	81.1	145.6	80.3	0.910	76	291	S E	30	...	Do.
20	29.809	0.144	84.7	78.6	90.6	81.3	139.5	80.3	0.897	76	298	S E	30	...	Fine with passing clouds: lg. W.
21	29.829	0.138	85.5	79.6	92.4	81.3	149.1	80.6	0.932	76	255	S E	17	...	Fine.
22	29.817	0.144	85.3	79.5	92.2	80.3	139.6	79.1	0.931	76	200	SE by E	37	...	Fine with passing clouds.
23	29.846	0.121	85.1	78.9	94.3	79.3	147.5	77.9	0.905	74	201	S E	20	...	Fine.
24	29.874	0.136	84.1	77.2	93.0	75.8	150.4	72.9	0.841	72	166	SE by E	23	...	Do.
25	29.860	0.127	84.5	77.2	91.5	77.5	145.6	75.7	0.836	71	269	SE by E	23	...	Do.
26	29.871	0.137	84.1	77.3	92.2	76.7	146.7	74.5	0.847	72	195	SE by E	23	...	Do.
27	30.830	0.130	85.0	77.4	92.4	77.3	131.3	71.3	0.839	70	203	SE by E	13	...	Do.
28	29.802	0.121	84.8	77.3	93.7	77.3	148.5	75.6	0.837	70	202	S E	17	...	Do.
29	29.785	0.125	86.1	78.0	95.6	78.4	150.1	76.8	0.851	68	195	S E	20	...	Do.
30	29.784	0.119	85.2	77.2	93.8	78.5	146.4	76.4	0.827	68	234	S E	13	...	Do.
Mean	29.800	0.133	84.9	77.7	94.8	78.3	146.1	76.5	0.856	71	197	S E	26	Nil.	

Madras Meteorological Observations. 1879—May.

May 1879	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.775	0.137	86.2	78.1	95.2	78.6	145.4	76.3	0.854	68	236	S E	18	...	Fine.
2	29.757	0.128	86.1	79.3	93.4	81.2	148.8	80.3	0.910	72	277	S E	13	...	Do.
3	29.751	0.135	86.9	78.6	96.1	81.1	147.1	80.1	0.867	68	249	SE by S	17	...	Do.
4	29.760	0.113	86.4	77.7	95.7	79.1	138.4	77.1	0.833	66	253	S E	17	...	Do.
5	29.723	0.153	86.4	78.0	103.0	77.6	147.3	76.1	0.846	67	261	SE by S	17	...	Do.
6	29.700	0.156	88.3	78.6	100.5	82.2	149.2	81.1	0.848	64	321	S S E	13	...	Do.
7	29.699	0.128	89.3	78.2	103.4	82.4	148.2	81.5	0.816	59	248	S S E	10	...	Do.
8	29.742	0.105	87.3	79.6	94.7	83.4	149.4	82.9	0.908	70	321	SE by S	17	...	Do.
9	29.765	0.130	86.5	79.5	93.4	82.8	140.3	82.1	0.915	72	298	SE by S	23	...	Do.
10	29.761	0.121	85.9	78.7	93.6	81.5	146.2	80.5	0.885	72	280	S E	13	...	Do.
11	29.796	0.117	86.5	79.2	93.7	81.6	132.8	81.1	0.901	71	270	S E	27	...	Fine with light clouds.
12	29.808	0.130	86.3	77.9	93.8	78.8	147.2	77.1	0.843	67	195	S E	17	...	Fine.
13	29.798	0.110	86.0	77.4	94.7	78.6	145.6	76.6	0.825	66	181	S E	27	...	Fine with passing clouds.
14	29.803	0.126	86.1	77.7	94.8	79.4	147.6	78.1	0.837	67	213	S E	23	...	Do.
15	29.774	0.144	85.1	78.7	93.5	78.4	149.4	76.3	0.895	74	201	S E	27	...	Do.
16	29.749	0.130	85.6	78.4	94.6	79.5	147.1	77.8	0.876	72	206	S E	30	...	Fine with light clouds.
17	29.681	0.145	86.5	77.7	94.2	80.8	140.3	79.4	0.832	66	184	SE by S	57	...	Cloudy.
18	29.602	0.100	88.4	78.3	103.9	81.3	130.2	80.0	0.834	62	145	SE by S	70	...	Do.
19	29.626	0.110	82.4	73.0	90.8	77.5	111.3	75.7	0.686	61	243	N N W	100	0.13	Overcast : a cyclone approaching.
20	29.432	0.176	77.0	72.1	78.9	78.0	80.6	74.8	0.723	77	392	W by N	100	3.25	Overcast with rain.
21	29.457	—0.035	77.7	72.1	83.4	71.3	114.2	67.8	0.714	75	563	South	93	1.04	A cyclone passing to N. of Madras.
22	29.628	0.096	82.1	75.3	87.2	76.5	122.8	75.3	0.787	71	371	S S E	77	...	Cloudy with strong wind.
23	29.683	0.121	83.0	75.4	94.4	76.2	130.4	75.0	0.779	69	243	S by E	83	...	Cloudy.
24	29.692	0.118	85.5	74.6	98.4	76.1	124.6	73.6	0.711	58	192	S by W	67	...	Do.
25	29.658	0.141	85.3	76.4	98.8	80.2	113.5	79.4	0.790	64	201	S by W	63	...	Do.
26	29.639	0.152	88.3	73.9	98.3	81.8	145.6	81.0	0.643	48	263	SW by S	73	...	Do.
27	29.632	0.114	84.5	73.0	96.5	78.4	135.6	77.6	0.658	56	200	SW by S	80	...	Do.
28	29.650	0.146	88.6	74.9	100.2	81.6	145.2	81.0	0.681	51	272	SW by W	73	...	Do.
29	29.652	0.157	87.5	75.4	99.6	81.7	147.5	80.6	0.718	55	208	S S W	73	...	Do.
30	29.642	0.127	86.1	75.0	97.4	82.2	120.0	81.4	0.720	58	244	SW by W	100	...	Overcast.
31	29.666	0.109	87.0	74.5	97.2	80.0	130.6	78.8	0.687	54	230	W S W	97	0.01	Do.
Mean	29.694	0.125	85.6	76.7	95.3	79.7	136.2	78.3	0.801	65	257	S by E	49	4.43	

Note.—The Cyclone reached the Nellore coast on the morning of the 21st. The greatest force of the wind at Madras was 43 miles per hour (S. S. W.) : the lowest reading of the barometer (reduced) was 29.152 between 4-30 A.M. and 5-30 A.M. on the 21st. Rain fell during 29 hours, continuously from 6 A.M. on the 20th to 9 A.M. on the 21st, but the rate never exceeded 0.41 inches per hour.

Madras Meteorological Observations. 1879—June.

June 1879	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deducted		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.706	0.135	89.2	74.1	101.1	79.2	145.1	77.7	0.643	47	262	SW by W	53	...	Passing clouds.
2	29.712	0.140	85.9	75.4	102.8	81.4	152.5	80.7	0.749	59	271	SW by S	63	0.26	Passing clouds : rain.
3	29.756	0.109	81.9	76.8	101.0	79.0	145.2	77.5	0.814	68	210	S by W	53	...	Passing clouds.
4	29.766	0.148	86.4	76.1	102.4	79.6	150.5	73.6	0.763	60	242	S by W	69	0.01	Do.
5	29.768	0.141	85.5	74.7	98.9	79.3	150.4	77.7	0.715	58	255	S by W	62	..	Passing clouds : lg. S. W.
6	29.809	0.129	83.5	76.3	99.6	78.0	150.4	77.7	0.810	70	255	S by W	75	0.67	Cloudy : th. and lg. N. W.
7	29.790	0.128	84.2	76.9	95.0	74.4	145.8	73.9	0.827	70	217	S W	73	0.03	Passing clouds.
8	29.738	0.108	84.2	77.2	97.4	79.4	136.1	77.9	0.849	72	186	S by W	57	0.01	Do.
9	29.704	0.118	86.6	78.3	101.5	78.4	145.3	77.6	0.858	67	190	South	59	...	Passing clouds : lg. W.
10	29.706	0.117	84.2	76.5	97.3	79.3	141.4	78.7	0.810	69	151	S S W	90	...	Cloudy : lg. W.
11	29.688	0.128	84.6	76.1	97.8	80.0	139.2	79.7	0.787	65	186	S S W	70	...	Cloudy : lg. S. W.
12	29.685	0.090	85.9	75.5	100.0	80.7	143.3	80.0	0.744	59	207	South	49	...	Light passing clouds.
13	29.674	0.083	86.2	76.0	101.6	80.5	149.8	79.2	0.761	61	187	S by W	40	...	Fine with light clouds.
14	29.683	0.107	88.7	76.9	98.1	81.3	145.5	80.7	0.767	56	192	South	50	...	Light passing clouds.
15	29.677	0.093	87.9	77.4	100.9	81.4	146.0	80.8	0.799	60	208	S by W	69	...	Passing clouds.
16	29.685	0.145	83.0	75.5	91.5	77.4	117.9	76.3	0.783	69	140	W by N	93	0.06	Cloudy.
17	29.655	0.120	85.4	76.0	96.0	80.4	144.2	79.2	0.772	63	185	S S E	93	...	Cloudy : lg. S. W.
18	29.675	0.104	82.1	74.8	88.3	76.3	109.4	74.6	0.765	69	169	W S W	92	0.08	Cloudy.
19	29.660	0.104	84.9	75.8	95.4	78.8	139.4	76.6	0.770	64	171	South	70	0.01	Do.
20	29.642	0.096	86.2	77.6	100.1	81.1	154.6	77.3	0.832	67	192	S by E	53	...	Passing clouds : lg. N. W.
21	29.662	0.095	83.5	77.1	93.8	76.2	132.4	74.0	0.845	73	178	South	63	0.15	Cloudy : rain.
22	29.696	0.114	81.9	75.8	86.4	77.2	110.6	74.6	0.811	75	195	SW by S	93	0.01	Overcast.
23	29.698	0.124	78.9	75.1	81.3	77.0	93.7	75.3	0.821	82	114	SW by S	97	0.17	Overcast : rain.
24	29.732	0.096	84.2	74.2	96.3	76.9	143.8	75.3	0.712	60	198	S W	77	0.39	Cloudy : rain.
25	29.749	0.119	82.1	74.6	95.9	76.7	133.6	75.1	0.757	69	210	S S W	80	0.20	Cloudy : lg. N. & S. : rain.
26	29.724	0.138	84.0	75.7	92.0	77.7	133.6	75.8	0.778	67	184	S by W	93	0.05	Chiefly overcast : lg. N. & S.
27	29.708	0.084	82.4	75.1	88.8	77.4	116.9	75.6	0.774	69	131	S by W	98	0.02	Overcast.
28	29.748	0.069	84.5	73.6	94.4	78.9	129.0	77.1	0.683	58	205	S S W	93	...	Cloudy.
29	29.764	0.107	83.2	74.7	96.1	79.6	119.6	78.0	0.746	65	173	S by W	87	0.07	Do.
30	29.742	0.121	82.1	73.9	86.6	77.8	110.4	77.8	0.727	66	188	S S W	97	...	Do.
Mean	29.712	0.114	84.5	75.8	95.9	78.7	135.9	77.2	0.775	65	195	S S W	73	2.10	

Madras Meteorological Observations. 1879—July.

July 1879	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hm- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.739	0.112	84.2	75.1	97.0	77.5	110.8	75.5	0.750	64	209	S S W	90	...	Chiefly overcast.
2	29.761	0.127	84.7	74.6	94.1	77.8	130.3	76.9	0.712	61	210	South	97	...	Do.
3	29.762	0.124	85.8	74.1	95.0	79.1	120.8	77.7	0.686	56	236	SW by S	93	...	Cloudy.
4	29.748	0.129	86.2	75.3	94.7	78.8	121.8	...	0.731	58	191	SW by S	92	0.03	Do.
5	29.749	0.136	83.2	75.2	98.6	79.1	132.1	77.7	0.768	67	173	SW by S	83	0.12	Cloudy : rain.
6	29.707	0.136	82.1	74.4	96.2	76.7	129.8	75.0	0.749	68	187	S by W	87	0.06	Cloudy.
7	29.689	0.150	84.3	77.2	103.1	77.7	146.8	75.8	0.839	72	221	S S W	68	0.03	Do.
8	29.680	0.131	84.2	75.9	98.7	77.7	148.2	75.9	0.784	66	205	S S W	67	...	Do.
9	29.699	0.112	87.3	76.4	100.5	79.5	135.5	78.2	0.763	58	224	S by W	60	0.01	Passing clouds.
10	29.705	0.112	84.9	75.0	100.6	77.6	140.3	75.5	0.736	61	203	S by W	47	0.02	Fine with passing clouds.
11	29.686	0.119	85.1	75.8	99.1	77.5	137.7	76.1	0.768	63	216	South	50	...	Passing clouds : lg. S. E.
12	29.727	0.107	86.2	77.2	101.6	77.8	139.5	76.7	0.813	65	258	S by E	63	...	Passing clouds.
13	29.772	0.106	85.8	76.5	98.9	80.2	134.9	79.1	0.788	64	206	S by E	53	...	Do.
14	29.783	0.101	82.6	75.5	96.1	76.6	143.8	75.9	0.789	71	171	S by W	70	0.72	Cloudy : rain.
15	29.731	0.099	83.7	76.0	93.5	76.3	146.8	75.0	0.795	69	140	S S E	47	...	Fine with passing clouds.
16	29.713	0.118	84.2	76.4	96.3	78.1	145.1	76.4	0.806	68	133	S by E	63	...	Cloudy : lg.
17	29.731	0.122	78.9	74.8	86.7	74.9	122.4	73.8	0.809	82	146	W by S	97	1.64	Cloudy : rain.
18	29.733	0.116	80.2	75.7	85.8	78.5	110.9	72.8	0.829	80	106	W S W	97	0.54	Chiefly overcast : rain.
19	29.748	0.098	81.8	76.4	91.8	75.4	134.4	73.6	0.838	77	111	N N W	70	0.07	Cloudy.
20	29.706	0.108	82.8	77.2	92.3	77.6	139.9	76.6	0.860	77	117	E by S	60	...	Passing clouds.
21	29.703	0.105	83.5	76.4	90.0	78.6	137.9	77.0	0.815	71	123	SE by E	57	...	Do.
22	29.730	0.092	83.2	76.8	89.3	78.3	139.9	76.2	0.836	73	119	E S E	40	0.01	Fine with light clouds.
23	29.741	0.117	84.1	76.8	90.3	77.4	142.9	75.7	0.824	71	113	E by N	33	...	Fine with passing clouds.
24	29.724	0.116	84.2	77.2	91.4	79.1	144.0	77.6	0.840	72	86	East	50	...	Do.
25	29.712	0.131	84.4	76.9	92.1	78.5	132.7	77.6	0.825	70	138	S E	37	...	Do.
26	29.671	0.133	82.7	76.4	90.1	78.3	110.4	76.8	0.826	73	144	S S E	77	...	Cloudy.
27	29.664	0.101	84.2	76.9	95.3	78.3	126.3	76.9	0.827	72	188	S by E	70	...	Do.
28	29.686	0.092	83.1	76.2	92.7	79.2	125.9	78.7	0.811	71	163	S W	87	0.37	Cloudy : rain.
29	29.668	0.145	82.4	74.6	90.8	76.2	117.6	75.6	0.753	67	193	SW by N	98	0.29	Overcast : rain.
30	29.627	0.141	82.8	75.3	92.4	77.3	120.9	75.6	0.777	69	158	SW by W	83	0.39	Cloudy : rain.
31	29.655	0.124	84.6	75.7	93.2	76.8	123.4	75.6	0.769	64	179	SW by W	80	...	Cloudy.
Mean	29.715	0.118	83.8	75.9	94.5	77.8	132.1	76.3	0.791	68	170	S by W	70	4.30	

Madras Meteorological Observations. 1879—August.

August 1879	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.679	0.130	85.4	74.0	93.6	79.5	136.8	78.3	0.687	56	203	W S W	83	...	Cloudy.
2	29.675	0.128	84.0	75.6	96.8	78.1	148.7	76.6	0.773	66	195	SWbyW	73	0.10	Do.
3	29.687	0.114	83.8	73.6	92.6	79.8	120.5	78.4	0.692	60	238	SWbyW	100	0.06	Overcast.
4	29.682	0.141	85.9	75.0	97.2	77.2	145.2	76.4	0.722	58	214	SWbyW	70	0.01	Cloudy.
5	29.687	0.130	85.6	75.1	91.4	79.5	140.5	78.7	0.731	59	214	SW byS	70	...	Do.
6	29.712	0.101	85.4	74.3	95.2	78.4	125.9	76.0	0.700	58	200	S W	77	0.01	Do.
7	29.751	0.109	85.0	74.7	93.2	78.6	149.1	77.5	0.722	59	215	South	47	...	Fine with passing clouds.
8	29.769	0.116	85.0	74.3	100.1	80.0	152.7	78.6	0.705	59	159	S by W	80	0.02	Cloudy.
9	29.792	0.107	84.1	74.8	92.6	79.6	128.7	78.1	0.740	62	163	S by W	97	...	Do.
10	29.754	0.137	88.0	72.8	99.7	80.1	150.5	78.6	0.603	46	230	SWbyW	67	...	Do.
11	29.750	0.121	89.9	74.6	100.1	83.4	140.8	80.7	0.650	46	236	SWbyW	50	...	Do.
12	29.748	0.144	88.1	74.9	101.1	79.3	145.9	77.6	0.688	52	221	S S W	57	...	Passing clouds.
13	29.800	0.121	83.6	74.5	92.1	81.6	110.5	80.8	0.733	64	181	S S W	85	...	Cloudy day : fine night.
14	29.805	0.144	84.3	75.3	92.1	78.9	110.5	78.2	0.757	64	174	S W	93	1.20	Cloudy : th. W : rain.
15	29.774	0.158	78.9	74.4	89.1	75.0	142.6	70.4	0.793	80	140	S by W	95	0.48	Overcast : th. : rain.
16	29.769	0.129	79.8	74.5	84.6	74.2	114.4	72.5	0.784	76	160	S by W	85	0.25	Cloudy : lg. : rain.
17	29.806	0.116	79.7	74.4	85.9	76.3	112.6	74.9	0.781	76	89	S W	100	...	Overcast.
18	29.826	0.137	75.8	73.0	77.6	73.1	83.7	71.6	0.776	86	134	SWbyW	100	1.20	Overcast : rain.
19	29.795	0.137	78.5	74.4	83.6	75.3	112.6	74.0	0.798	82	87	S S W	97	0.07	Chiefly overcast.
20	29.756	0.147	81.9	74.4	88.5	75.3	122.3	73.7	0.751	69	132	SW by S	90	...	Cloudy.
21	29.729	0.128	83.6	74.9	93.2	76.4	148.2	71.7	0.749	64	187	S S W	60	...	Passing clouds.
22	29.769	0.153	78.8	74.5	82.3	75.1	115.9	73.5	0.798	80	116	S W	97	0.07	Chiefly overcast.
23	29.774	0.128	81.8	75.0	91.2	75.4	134.6	73.8	0.778	71	148	S S W	70	0.06	Passing clouds.
24	29.756	0.137	83.2	74.9	93.4	74.7	134.8	73.7	0.755	65	131	SWby S	60	...	Do.
25	29.727	0.140	82.7	75.7	93.1	78.1	128.2	76.4	0.795	71	130	S by W	60	...	Cloudy day : fine night.
26	29.734	0.135	83.0	75.6	93.9	77.1	130.2	75.5	0.787	69	123	S by W	83	0.08	Cloudy.
27	29.762	0.097	80.2	75.3	88.3	74.4	148.7	73.4	0.812	78	149	South	70	0.33	Passing clouds : rain.
28	29.771	0.100	80.5	74.9	88.7	71.5	115.9	70.7	0.791	76	170	S W	87	0.02	Cloudy : rain.
29	29.740	0.159	78.7	73.4	90.8	73.2	114.6	72.5	0.753	76	145	S W	83	1.54	Overcast : thunderstorm.
30	29.678	0.114	79.3	74.3	89.2	72.0	118.9	71.2	0.782	78	150	S W	98	0.19	Overcast with rain.
31	29.648	0.126	81.3	74.3	90.5	77.0	110.6	75.7	0.755	71	150	SWbyW	90	0.02	Cloudy.
Mean	29.745	0.129	82.8	74.6	91.7	77.0	128.7	75.6	0.746	67	168	SW by S	80	6.61	

Madras Meteorological Observations. 1879—September.

September 1879	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.686	0.129	82.9	74.4	92.9	77.1	130.9	75.0	0.738	65	152	S W	80	0.06	Cloudy.
2	29.711	0.159	83.2	75.1	95.0	76.6	145.6	73.8	0.764	67	165	S S W	57	...	Do.
3	29.719	0.156	85.0	75.2	95.6	77.3	145.4	75.4	0.743	61	167	S S W	50	...	Passing clouds.
4	29.742	0.144	83.8	75.3	94.6	78.4	145.3	76.9	0.764	65	155	S E	50	...	Do.
5	29.755	0.092	84.6	76.5	94.1	79.3	142.9	77.9	0.805	68	142	SE by S	63	...	Do.
6	29.773	0.140	82.8	76.3	93.1	78.3	152.6	77.7	0.820	73	127	SE by S	87	0.01	Cloudy.
7	29.789	0.141	81.3	76.3	94.1	75.0	125.9	73.7	0.840	78	137	S S W	77	0.23	Cloudy : rain.
8	29.807	0.106	81.9	76.2	92.1	76.5	130.6	74.9	0.828	76	112	S S E	50	...	Passing clouds.
9	29.793	0.111	82.2	75.1	91.9	77.2	134.2	75.3	0.777	71	138	S W	90	0.04	Cloudy.
10	29.790	0.127	82.7	73.5	95.0	77.6	139.4	75.5	0.703	63	136	S W	87	0.03	Do.
11	29.803	0.115	83.5	73.7	95.2	75.2	142.9	74.5	0.701	60	205	S W	63	...	Passing clouds.
12	29.826	0.123	84.4	74.7	98.3	76.8	150.3	74.9	0.730	62	208	S W	47	...	Do.
13	29.823	0.141	84.7	74.9	97.9	76.4	146.1	75.4	0.735	61	230	SW by W	57	...	Do.
14	29.808	0.121	84.4	73.0	94.7	77.2	123.4	75.9	0.659	56	160	W S W	57	...	Do.
15	29.784	0.132	85.4	74.0	95.9	78.3	144.2	77.3	0.687	56	147	W by N	60	...	Do.
16	29.728	0.145	87.1	73.2	98.1	78.2	145.6	76.8	0.631	49	161	West	57	...	Light passing clouds.
17	29.723	0.165	85.4	73.8	99.7	78.3	148.9	77.5	0.679	56	196	S S W	50	...	Passing clouds.
18	29.718	0.142	85.6	73.7	96.6	78.8	147.3	75.6	0.672	55	181	SW by W	77	0.12	Passing clouds : rain.
19	29.693	0.151	85.6	72.8	98.1	77.9	147.7	73.9	0.636	52	208	S W	73	...	Cloudy.
20	29.680	0.133	85.4	72.6	95.1	79.6	160.4	77.5	0.630	51	196	W by S	70	0.01	Do.
21	29.664	0.135	85.5	74.9	93.7	78.9	120.9	75.7	0.724	59	158	W S W	93	...	Do.
22	29.703	0.096	84.7	74.1	95.5	76.9	129.3	76.1	0.701	59	238	W by S	100	...	Overcast.
23	29.751	0.095	85.3	72.2	97.2	78.9	135.4	78.1	0.615	51	190	W by N	97	...	Chiefly overcast.
24	29.756	0.117	87.8	73.9	98.9	81.2	141.6	80.4	0.650	49	181	W by N	60	...	Passing clouds.
25	29.761	0.107	84.8	75.2	100.8	79.3	152.6	77.8	0.746	62	186	NW by N	40	0.04	Do.
26	29.795	0.146	86.0	73.8	97.7	77.9	152.6	75.7	0.671	54	172	South	37	...	Fine with passing clouds.
27	29.832	0.137	83.8	73.4	95.4	76.1	151.4	73.8	0.683	59	139	SE by S	7	...	Fine.
28	29.858	0.135	83.4	75.0	95.5	75.8	137.0	72.7	0.756	65	93	S E	17	...	Do.
29	29.872	0.145	84.8	76.1	97.5	76.4	132.5	73.3	0.784	65	99	S E	43	...	Passing clouds.
30	29.863	0.155	86.1	76.3	96.4	77.9	151.4	74.5	0.776	61	97	S E	40	...	Do.
Mean	29.767	0.131	84.5	74.5	95.9	77.6	141.8	75.8	0.722	61	163	SW by S	61	0.54	

Madras Meteorological Observations. 1879—October.

October 1879	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.815	0.209	83.1	75.2	97.1	77.2	152.6	76.6	0.769	67	114	S S E	72	0.07	Passing clouds.
2	29.773	0.144	80.9	76.3	92.2	72.7	143.9	72.8	0.846	80	152	S by W	63	2.95	Thunderstorm : day cloudy.
3	29.804	0.170	81.9	77.1	91.1	78.2	149.0	77.0	0.867	80	133	S S E	67	0.04	Cloudy.
4	29.838	0.151	77.8	73.5	84.3	72.4	125.6	71.7	0.769	81	69	S S W	100	2.04	Overcast: thunderstorm.
5	29.832	0.113	77.2	74.2	80.8	75.0	110.6	73.8	0.807	86	46	SE by S	93	0.25	Overcast: rain.
6	29.833	0.147	81.3	76.3	88.3	75.6	126.9	74.1	0.840	78	145	S S E	37	...	Fine with passing clouds.
7	29.828	0.172	82.3	77.1	90.8	76.9	152.7	75.7	0.862	78	133	SE by S	30	...	Do.
8	29.808	0.161	78.8	74.8	87.7	71.5	146.0	72.0	0.810	82	66	Sonth	63	3.66	Severe thnnderstorm.
9	29.774	0.153	82.7	75.7	94.1	75.3	145.6	74.8	0.795	71	132	South	47	...	Passing clouds.
10	29.736	0.138	81.7	74.1	96.5	74.6	147.9	73.6	0.742	69	153	S by W	57	0.05	Passing clouds : th. and lg.
11	29.791	0.073	80.7	74.6	88.8	74.9	145.9	71.8	0.776	74	138	W S W	93	0.46	Cloudy: rain.
12	29.800	0.134	81.5	75.0	91.8	74.0	136.7	71.8	0.782	73	100	W by N	40	...	Fine with passing clouds.
13	29.809	0.131	80.7	73.0	92.2	72.3	150.9	68.8	0.709	67	64	N by W	30	...	Do.
14	29.845	0.105	81.0	72.4	92.8	74.9	151.6	71.8	0.683	64	97	N N E	23	...	Fine with light clouds.
15	29.855	0.118	80.4	72.1	92.7	71.9	150.4	68.0	0.679	65	83	N N E	13	...	Fine.
16	29.875	0.130	80.7	72.7	90.7	72.0	147.2	68.7	0.697	67	110	E N E	10	...	Do.
17	29.900	0.120	82.2	74.5	89.8	74.7	146.1	71.8	0.752	68	115	E N E	33	...	Fine with passing clouds.
18	29.945	0.107	81.1	75.4	90.5	75.7	144.1	73.7	0.805	76	106	E by N	67	1.05	Cloudy: th. lg. and rain.
19	29.957	0.100	80.2	75.9	88.8	76.1	132.8	73.5	0.838	82	123	E N E	60	0.01	Cloudy.
20	29.917	0.139	79.8	75.7	88.3	74.6	146.6	73.7	0.835	82	137	N N E	80	0.35	Cloudy: rain.
21	29.932	0.118	76.7	73.6	82.0	74.1	114.3	73.0	0.789	86	127	N N W	90	0.84	Do. : do.
22	29.913	0.126	77.5	74.4	84.3	72.3	128.3	71.7	0.811	86	167	N N E	97	1.05	Overcast: lg.: rain.
23	29.875	0.107	75.3	73.3	82.6	73.9	121.6	72.4	0.794	90	130	North	87	1.81	Overcast: rain.
24	29.857	0.108	78.5	74.8	85.6	74.1	149.3	72.7	0.814	83	158	N N W	90	0.17	Cloudy: rain.
25	29.836	0.117	79.9	74.8	87.3	74.4	130.8	72.9	0.795	78	141	N by W	67	...	Cloudy.
26	29.798	0.159	80.5	76.3	88.1	75.4	120.6	72.8	0.851	81	104	N by W	67	...	Do.
27	29.804	0.124	79.5	74.3	88.8	73.6	148.4	71.5	0.779	77	96	N N W	60	...	Passing clouds.
28	29.827	0.132	78.1	72.0	86.8	74.0	138.3	71.2	0.705	74	103	North	83	...	Cloudy.
29	29.815	0.131	77.5	73.6	84.5	75.1	114.1	72.9	0.777	82	201	N by W	97	1.82	Overcast with rain.
30	29.776	0.130	73.6	71.9	76.6	70.1	114.1	70.1	0.760	92	260	NW by N	100	1.60	Do.
31	29.797	0.119	77.6	74.7	85.3	73.7	137.0	72.0	0.822	86	102	N N W	83	0.01	Cloudy.
Mean	29.838	0.132	79.7	74.5	88.4	74.2	137.7	72.5	0.786	78	123	Variable.	64	18.23	

Note.—8th.—2.86 inches of rain fell between 2 A.M. and 3 A.M.

Madras Meteorological Observations. 1879—November.

November 1879	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.812	0.111	79.2	74.9	86.7	74.5	138.9	73.5	0.807	81	77	W S W	70	0.02	Cloudy.
2	29.841	0.134	80.5	75.9	90.6	75.2	144.1	72.9	0.832	80	83	SE by S	43	0.01	Fine with passing clouds.
3	29.844	0.147	77.2	74.0	85.4	72.3	112.6	70.2	0.798	85	60	West	70	0.06	Cloudy day : fine night.
4	29.823	0.126	80.1	75.8	93.4	74.8	147.6	71.7	0.836	81	116	S by W	40	0.16	Fine with passing clouds : lg. : rain.
5	29.885	0.116	77.7	70.4	82.8	76.5	108.9	74.2	0.648	68	105	N by W	83	...	Cloudy day : fine night.
6	29.900	0.107	74.1	70.2	80.2	72.0	112.6	68.4	0.687	81	173	NW by N	83	1.20	Cloudy : th. lg. and rain.
7	29.871	0.107	75.9	73.5	80.6	72.2	110.0	71.0	0.795	88	187	N N W	100	1.44	Overcast : th. lg. and rain.
8	29.910	0.101	78.7	73.9	84.5	74.4	108.9	72.2	0.774	79	225	North	70	0.01	Cloudy.
9	29.949	0.098	77.2	72.1	84.5	73.3	106.0	69.9	0.721	77	188	North	85	...	Do.
10	29.943	0.119	77.5	71.2	84.4	72.4	128.8	69.2	0.678	72	222	North	37	...	Fine with passing clouds.
11	29.922	0.119	76.8	70.0	83.4	71.5	137.9	68.3	0.643	70	224	N by W	63	...	Passing clouds.
12	29.938	0.097	77.6	70.9	84.1	72.4	140.9	69.7	0.668	70	216	N by W	23	...	Fine.
13	29.931	0.111	75.8	72.6	83.7	72.2	109.6	70.0	0.759	85	251	N by W	90	1.48	Cloudy : lg. S. : rain.
14	29.949	0.073	75.0	72.2	79.6	72.3	107.6	70.7	0.754	87	268	N E	100	2.31	Overcast : rain.
15	29.886	0.110	78.8	74.3	82.4	76.2	111.0	73.7	0.789	80	320	N by E	100	0.02	Overcast.
16	29.888	0.114	75.8	71.3	80.0	73.2	112.7	70.6	0.708	79	217	N N W	93	...	Do.
17	29.875	0.130	75.2	69.7	76.5	73.2	99.2	71.4	0.654	75	237	NW by N	100	0.02	Do.
18	29.721	0.162	69.6	66.5	70.6	68.4	82.4	67.4	0.611	85	464	W N W	100	3.57	Cloudy with rain.
19	29.797	0.085	77.2	71.3	85.1	69.6	133.8	67.7	0.688	73	281	SW by S	93	0.12	Do.
20	29.846	0.100	79.9	73.4	86.4	76.2	140.9	74.6	0.737	72	135	S by E	37	...	Fine with passing clouds.
21	29.902	0.121	79.5	74.8	88.6	74.4	146.0	70.6	0.801	79	80	S S E	20	...	Do.
22	29.925	0.113	79.6	75.1	86.6	74.2	120.4	71.3	0.812	80	124	NE by E	20	...	Do.
23	29.953	0.112	80.1	74.5	87.4	74.3	131.0	71.0	0.780	76	126	NE by N	47	...	Passing clouds.
24	29.948	0.111	79.5	73.5	86.5	73.9	139.4	69.9	0.746	74	135	N N E	30	...	Fine with passing clouds.
25	29.925	0.141	77.8	73.2	87.5	72.8	139.2	68.7	0.757	80	129	N N E	33	...	Do.
26	29.906	0.123	74.6	67.9	84.6	68.4	145.3	64.2	0.594	60	124	North	10	...	Fine.
27	29.933	0.090	74.3	68.5	83.4	65.1	142.9	59.9	0.621	72	172	N by W	17	...	Do.
28	29.977	0.117	75.3	70.7	81.8	69.6	132.9	64.7	0.601	79	224	N by W	33	...	Fine with passing clouds.
29	29.987	0.107	72.3	67.9	77.6	66.6	122.4	66.2	0.625	79	213	N N W	80	0.49	Cloudy : rain.
30	29.985	0.107	75.3	68.9	80.7	72.3	126.7	69.4	0.622	71	193	N by E	70	...	Cloudy.
Mean	29.899	0.114	76.9	72.0	83.7	72.5	124.7	69.8	0.721	78	186	North	61	10.91	

Note.—18th.—A storm passed some distance northward of Madras.

Madras Meteorological Observations. 1879—December.

December 1879	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.969	0.102	74.2	68.3	82.7	68.7	127.4	65.9	0.614	72	170	N by E	60	...	Passing clouds.
2	29.966	0.109	74.2	68.4	82.7	68.6	124.9	65.8	0.618	73	212	North	50	...	Do.
3	29.949	0.120	75.7	69.6	82.6	68.7	142.9	65.3	0.643	73	232	North	47	...	Do.
4	29.941	0.109	75.1	71.8	80.5	70.3	125.4	68.8	0.737	85	192	North	100	0.86	Overcast with rain.
5	29.957	0.097	76.8	72.1	83.6	73.7	117.6	70.6	0.726	78	232	N N E	80	0.02	Cloudy.
6	29.957	0.110	76.9	68.4	82.5	72.9	136.0	68.6	0.582	62	263	N by E	43	...	Passing clouds.
7	29.942	0.118	75.0	67.8	83.1	68.3	137.1	64.6	0.585	67	240	N by E	50	...	Do.
8	29.930	0.105	74.3	67.7	80.6	69.0	127.6	66.1	0.591	70	281	North	43	...	Light passing clouds.
9	29.885	0.091	72.9	65.8	79.2	68.9	120.6	66.6	0.541	67	230	N N W	60	...	Chiefly cloudy.
10	29.917	0.131	72.0	63.7	81.1	66.8	124.0	62.9	0.481	61	162	N N W	40	...	Light passing clouds.
11	29.935	0.124	74.0	68.6	83.1	66.3	130.6	62.1	0.628	74	161	N N W	37	...	Fine with passing clouds.
12	29.911	0.134	75.1	70.7	83.9	68.8	121.4	65.9	0.693	79	158	N by E	30	...	Do.
13	29.879	0.123	76.6	70.6	84.2	69.6	126.1	65.0	0.669	73	205	N N E	63	...	Passing clouds.
14	29.915	0.085	75.8	68.7	84.4	70.2	136.6	65.3	0.608	69	296	N N E	60	...	Do.
15	29.916	0.089	75.4	70.0	81.4	70.2	115.6	67.2	0.662	75	298	N by E	83	...	Cloudy.
16	29.933	0.094	75.0	69.9	80.5	72.2	112.6	69.5	0.665	77	262	N by E	87	0.08	Do.
17	29.952	0.075	73.8	70.4	81.5	71.8	114.1	69.5	0.699	83	207	North	80	0.41	Cloudy : rain.
18	29.925	0.117	77.6	72.8	82.8	75.9	121.8	68.4	0.744	79	192	N by E	63	...	Cloudy.
19	29.934	0.086	77.6	73.3	79.1	73.0	130.2	70.3	0.763	81	201	N N E	50	...	Passing clouds.
20	29.933	0.112	77.4	71.4	84.6	70.5	126.6	66.5	0.689	73	254	NE by N	47	...	Do.
21	29.952	0.101	76.6	69.9	82.6	70.7	111.4	67.1	0.643	71	316	N N E	83	0.01	Cloudy.
22	29.923	0.095	76.4	71.0	79.9	75.6	116.6	72.5	0.687	75	352	N by E	100	...	Overcast.
23	29.927	0.085	72.6	68.9	75.5	70.4	90.6	68.7	0.659	82	250	N by E	100	2.91	Overcast : rain.
24	29.894	0.102	74.5	69.9	81.5	69.5	131.1	65.8	0.671	80	240	North	33	0.04	Fine with passing clouds.
25	29.918	0.121	72.8	66.7	80.7	66.0	...	64.3	0.575	72	158	N by E	20	...	Fine.
26	29.949	0.120	72.6	66.4	81.5	68.4	...	58.5	0.567	69	139	N N E	13	...	Do.
27	29.927	0.130	71.1	65.3	81.7	63.4	...	57.7	0.547	72	153	N N E	10	...	Do.
28	29.924	0.118	73.8	68.1	82.2	66.6	142.0	61.4	0.612	73	205	N by E	12	...	Do.
29	29.906	0.130	74.5	69.4	83.1	70.6	...	66.6	0.652	76	218	N by E	20	...	Fine with passing clouds.
30	29.907	0.125	72.1	67.0	84.1	65.9	137.2	61.3	0.595	76	156	N N E	27	...	Do.
31	29.912	0.101	72.3	66.2	81.1	64.6	...	58.9	0.564	71	188	North	63	...	Cloudy.
Mean	29.929	0.108	74.7	69.0	81.9	69.6	124.9	65.7	0.636	74	220	N by E	53	4.33	

Madras Mean Monthly and Annual Meteorological Results in 1879.

	Barometer		Dry Bulb Thermometer				Wet Bulb		Tension of Vapour	Relative Humidity	Sun Maximum	Minimum on Grass	Wind		Rain		Clear Sky	
	Reduced to 32°	Daily Range	Mean	Max.	Min.	Range	Mean	Min.	By Blanford's Tables	Inches			Cents	Daily Velocity	Mean Direction	Amount		Days
Inches	Inches	°	°	°	°	°	°	°	Inches	Cents	°	°	Miles	Points	Points	Inches	No.	Cents
January.....	29.982	0.120	75.8	85.7	68.0	17.7	68.7	65.1	0.610	68	135.5	65.5	174	2	N N E	1.30	5	55
February.....	29.967	0.120	77.6	87.6	68.6	19.0	70.0	65.7	0.634	67	144.0	65.7	128	6	E N E	...	...	69
March.....	29.900	0.133	80.9	90.5	72.8	17.7	73.8	70.4	0.739	70	144.0	70.2	124	11	S E by E	1.50	3	68
April.....	29.800	0.133	84.9	94.8	78.3	16.5	77.7	75.0	0.856	71	146.1	76.5	197	12	S E	...	...	74
May.....	29.694	0.125	85.6	95.3	79.7	15.6	76.7	74.5	0.801	65	136.2	78.3	257	15	S by E	4.43	4	51
June.....	29.712	0.114	84.5	95.9	78.7	17.2	75.8	72.8	0.775	65	135.9	77.2	195	18	S S W	2.10	16	27
July.....	29.715	0.118	83.8	94.5	77.8	16.7	75.9	73.5	0.791	68	132.1	76.3	170	17	S by W	4.30	14	30
August.....	29.745	0.129	82.8	91.7	77.0	14.7	74.6	71.9	0.741	67	128.7	75.6	168	19	S W by S	6.61	18	20
September.....	29.767	0.131	84.5	95.9	77.6	18.3	74.5	71.9	0.722	61	141.8	75.8	163	19	S W by S	0.54	8	39
October.....	29.838	0.132	79.7	88.4	74.2	14.2	74.5	71.7	0.786	78	137.7	72.5	123	...	Variable	18.23	18	36
November.....	29.899	0.114	76.9	83.7	72.5	11.2	72.0	69.7	0.721	78	124.7	69.8	186	0	North	10.91	14	39
December.....	29.929	0.108	74.7	81.9	69.6	12.3	69.0	66.6	0.636	74	124.9	65.7	220	1	N by E	4.33	7	47
Annual.....	29.829	0.123	81.0	90.5	74.6	15.9	73.6	70.7	0.734	69	136.0	72.5	175	11	S E by E	54.25	107	46

Madras Extreme Monthly Meteorological Records in 1879.

	Barometer			Dry Bulb Thermometer			Wet Bulb		Humidity		Sun Thermometer		Grass Thermometer		Wind		Rain.								
	Inches	Highest	Lowest	Range	Highest		Lowest		°	Day	Cents	Day	°	Day	°	Day		Miles	Day	Lowest	Highest	Miles	Day	Inches	Day
					°	Day	°	Day																	
January ...	30.104	31	29.841	20	0.263	86.6	3	62.2	18	60.0	1	35	1	146.7	14	58.2	18	300	21	120	24	0.73	22	...	
February ...	30.133	5	29.779	23	0.354	92.6	28	62.3	7	59.9	7	41	5	152.0	28	58.6	7	200	4	82	2	...	...	...
March	30.054	8	29.765	29	0.289	96.3	29	65.3	11	63.0	11	28	1	150.6	1	61.4	11	199	4	75	8	0.60	20	...	
April	29.929	1	29.633	16	0.286	108.3	15	72.1	1	69.6	1	44	16	155.7	15	69.0	1	298	20	98	1	...	...	...
May	29.864	12	29.382	20	0.482	103.9	18	71.3	21	68.6	27	31	7	140.4	8	67.8	21	563	21	145	18	3.25	20	...	
June	29.873	6	29.582	20	0.291	102.8	2	74.4	7	70.9	5	30	1	154.6	20	73.6	4	271	2	114	23	0.67	6	...	
July	29.818	14	29.554	30	0.264	103.1	7	74.9	17	71.0	17	39	3	148.2	8	72.8	18	258	12	86	24	1.64	17	...	
August ...	29.889	18	29.572	31	0.317	101.1	12	71.5	28	69.5	28	32	11	132.7	8	70.4	15	244	5	87	19	1.54	20	...	
September.	29.935	29	29.590	21	0.345	100.8	25	75.0	7	68.6	27	29	26	160.4	20	72.7	28	238	22	93	28	0.23	7	...	
October ...	29.997	19	29.661	10	0.336	97.1	1	70.1	30	68.1	28	39	14	152.7	7	68.0	15	260	30	46	5	3.66	8	...	
November..	30.038	29	29.679	18	0.359	93.4	4	65.1	27	62.9	18	45	26	147.6	4	59.9	27	464	18	60	3	3.57	18	...	
December..	30.017	2	29.826	13	0.191	84.6	20	63.4	27	60.6	10	45	10	142.9	3	57.7	27	352	22	139	26	2.91	23	...	

Madras Meteorological Observations. 1880—January.

January 1880	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.882	0.119	72.0	65.1	78.0	67.3	106.4	65.3	0.528	67	206	N by W	97	...	Overcast.
2	29.827	0.134	71.6	63.7	81.0	68.2	141.8	66.1	0.485	62	162	N by W	57	...	Passing clouds.
3	29.801	0.131	70.3	63.9	85.3	59.0	136.3	54.0	0.509	68	96	N by E	13	...	Fine.
4	29.829	0.113	72.0	66.3	87.0	63.4	141.1	58.1	0.570	72	90	NWbyN	23	...	Do.
5	29.884	0.098	72.6	67.1	84.8	63.4	139.4	58.0	0.591	73	80	SW by S	13	...	Do.
6	29.908	0.130	74.3	69.1	83.7	66.2	140.2	61.7	0.619	75	95	E by S	23	...	Fine with passing clouds.
7	29.900	0.135	73.8	69.1	85.3	66.7	141.0	62.1	0.649	78	99	NE by E	27	...	Do.
8	29.901	0.134	75.1	68.1	85.8	66.8	143.8	61.5	0.594	68	113	N E	20	...	Fine.
9	29.909	0.139	72.8	66.7	86.4	65.2	145.3	59.5	0.575	72	76	E N E	7	...	Do.
10	29.919	0.131	71.0	65.5	85.9	60.8	143.8	54.1	0.556	73	68	East	3	...	Do.
11	29.911	0.152	72.4	66.1	87.0	62.4	128.0	56.8	0.558	70	93	S E	7	...	Do.
12	29.914	0.133	71.6	66.4	84.1	63.5	144.2	58.0	0.580	75	84	SE by S	7	...	Do.
13	29.940	0.124	70.9	64.2	82.3	62.0	141.8	55.8	0.512	67	86	S E	3	...	Do.
14	29.983	0.122	72.1	64.5	83.5	61.8	138.7	57.0	0.507	65	88	E S E	10	...	Do.
15	29.990	0.135	72.2	64.1	85.2	61.6	148.9	57.3	0.492	62	90	East	10	...	Do.
16	29.959	0.134	72.4	64.9	84.9	61.7	139.4	57.2	0.516	65	102	E N E	10	...	Do.
17	29.983	0.114	73.7	65.8	85.5	62.4	141.4	57.6	0.531	63	113	E N E	10	...	Do.
18	29.999	0.115	74.4	66.9	85.3	64.1	146.4	59.5	0.561	66	130	N E	30	...	Fine with passing clouds.
19	30.004	0.113	73.8	67.3	85.1	66.5	148.6	62.4	0.583	70	160	NE by N	33	...	Do.
20	30.017	0.125	75.5	68.3	84.9	64.4	140.7	60.1	0.597	67	177	NE by N	30	0.19	Fine day : cloudy night : rain.
21	30.014	0.124	74.8	71.3	82.0	71.2	138.7	71.1	0.721	84	195	N N E	83	0.42	Chiefly cloudy : rain.
22	30.018	0.128	77.4	71.4	85.0	70.5	143.0	68.4	0.690	73	140	E N E	47	...	Passing clouds.
23	29.994	0.127	74.8	69.5	84.9	66.7	143.4	63.2	0.652	76	89	E by N	33	...	Fine with passing clouds.
24	30.017	0.114	73.9	68.5	85.3	66.0	149.4	62.2	0.626	74	138	NE by E	43	...	Do.
25	30.060	0.139	75.3	68.6	83.8	64.3	144.2	59.9	0.609	69	196	NE by N	33	...	Do.
26	30.053	0.122	77.2	63.5	83.6	73.2	145.1	70.5	0.404	44	297	NE by N	67	...	Fine with light clouds.
27	30.021	0.131	72.8	63.3	83.5	63.1	141.0	58.5	0.456	56	165	NE by N	63	...	Cloudy.
28	30.022	0.119	76.4	66.7	84.3	70.1	150.8	70.2	0.527	58	152	N N E	63	...	Passing clouds.
29	30.045	0.106	75.2	69.4	85.8	66.3	149.6	62.3	0.642	73	204	NE by N	80	0.13	Cloudy with rain.
30	30.051	0.088	77.6	72.8	84.3	73.1	144.4	71.7	0.741	79	280	N E	87	1.09	Do.
31	30.049	0.132	76.5	71.6	82.9	71.3	139.4	70.9	0.710	77	222	NE by N	97	0.82	Do.
Mean	29.962	0.125	73.8	67.1	84.4	65.6	141.5	61.6	0.577	69	138	NE by E	36	2.65	

Madras Meteorological Observations. 1880—February.

February 1880	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	30.005	0.130	77.0	70.5	83.9	71.2	137.6	68.6	0.660	71	182	NE by E	43	...	Passing clouds.
2	30.025	0.118	76.4	67.7	83.6	69.0	137.4	66.4	0.562	61	172	E N E	33	...	Fine with passing clouds.
3	30.006	0.148	76.1	66.6	85.4	69.8	140.4	66.7	0.527	59	132	NE by E	13	...	Fine.
4	29.968	0.128	74.3	67.4	84.1	65.7	140.4	61.7	0.580	68	112	E N E	10	...	Do.
5	29.935	0.149	73.9	67.1	84.0	65.0	142.0	62.1	0.574	69	108	East	13	...	Do.
6	29.942	0.117	72.4	65.2	83.0	63.7	138.6	59.9	0.526	66	94	E by N	3	...	Clear.
7	29.959	0.113	70.8	64.4	82.6	61.2	144.2	57.3	0.520	68	83	E N E	20	...	Fine.
8	29.984	0.117	73.0	66.4	83.1	63.1	148.0	59.1	0.562	69	109	E by N	23	...	Do.
9	29.972	0.109	75.0	67.0	84.3	67.2	151.4	63.3	0.556	64	99	E by N	40	...	Fine with passing clouds.
10	29.949	0.114	73.4	65.8	83.9	65.0	148.4	60.6	0.535	65	92	E by S	50	...	Passing clouds.
11	29.923	0.114	74.8	66.7	83.1	66.5	139.8	64.0	0.548	64	107	SE by E	23	...	Fine.
12	29.881	0.133	75.0	68.2	84.8	65.8	141.4	61.6	0.600	69	114	S E	30	...	Fine with passing clouds.
13	29.911	0.095	77.2	71.1	86.0	67.0	140.6	63.3	0.681	73	112	SE by E	23	...	Fine.
14	29.888	0.146	78.5	73.1	87.3	71.7	139.9	68.5	0.743	76	146	E by S	30	...	Passing clouds.
15	29.867	0.113	78.6	72.4	86.1	71.6	143.9	68.1	0.714	73	128	E S E	43	...	Do.
16	29.844	0.163	79.1	72.9	85.4	74.4	149.2	73.0	0.726	73	172	S E	40	...	Fine with passing clouds.
17	29.831	0.158	79.6	74.0	86.9	73.3	147.3	70.7	0.766	76	172	SE by S	50	...	Passing clouds.
18	29.845	0.135	75.7	72.3	86.0	70.0	148.4	70.3	0.748	84	126	E by S	62	2.48	Cloudy day, fine night : rain.
19	29.891	0.124	78.1	72.2	86.2	73.2	147.1	70.5	0.712	74	148	NE by E	27	...	Fine with passing clouds.
20	29.953	0.123	76.1	70.6	86.1	67.0	142.3	63.2	0.676	75	96	NE by E	20	...	Do.
21	29.983	0.158	76.1	71.2	85.1	67.3	143.4	61.7	0.699	77	83	E by S	27	...	Do.
22	29.988	0.151	78.0	71.2	84.9	72.0	142.1	68.7	0.674	70	142	SE by E	22	...	Fine.
23	30.006	0.137	78.3	71.6	85.5	72.0	144.9	69.0	0.686	71	145	E by S	43	...	Fine with passing clouds.
24	30.020	0.154	78.9	72.1	85.2	73.2	144.5	70.2	0.698	71	135	E by S	28	...	Fine with light clouds.
25	29.994	0.128	77.3	70.4	84.6	69.2	142.9	65.8	0.652	69	132	SE by E	27	...	Fine with passing clouds.
26	29.950	0.162	76.5	70.7	85.6	68.3	146.5	64.3	0.673	74	105	S E	20	...	Do.
27	29.952	0.112	76.8	70.2	85.9	69.6	142.6	65.7	0.651	71	103	E S E	20	...	Fine.
28	29.985	0.105	76.6	70.2	86.1	67.3	146.1	63.3	0.653	71	95	E by S	23	...	Fine with passing clouds.
29	30.012	0.117	78.9	71.8	87.2	69.2	148.2	65.2	0.686	70	122	E by N	33	...	Do.
Mean	29.947	0.130	76.3	69.7	85.0	68.6	143.8	65.4	0.641	70	123	E by S	29	2.48	

Madras Meteorological Observations. 1880—March.

March 1880	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	30.006	0.140	78.2	71.2	87.2	69.3	150.1	65.2	0.671	70	113	E by N	33	...	Fine with passing clouds.
2	29.997	0.119	78.9	70.5	86.6	69.8	144.0	66.2	0.634	64	115	East	30	...	Do.
3	29.999	0.119	77.6	69.0	86.1	68.9	147.2	65.3	0.595	63	149	E N E	23	...	Do.
4	30.003	0.141	77.8	68.0	85.6	71.9	145.2	69.7	0.555	58	132	E N E	23	...	Do.
5	30.036	0.113	77.9	70.2	87.1	68.4	148.1	69.7	0.636	66	122	E N E	30	...	Do.
6	30.045	0.130	77.2	70.6	88.0	68.1	143.7	64.0	0.662	71	138	N E	30	...	Do.
7	30.001	0.153	77.6	71.5	87.9	68.1	143.2	64.2	0.692	74	111	NE by E	20	...	Fine.
8	29.950	0.161	76.1	69.4	87.3	68.0	143.7	63.8	0.630	70	97	East	27	...	Fine with passing clouds.
9	29.964	0.114	75.5	68.6	85.9	64.5	144.2	62.2	0.607	69	90	E by S	38	...	Fine with light clouds.
10	29.975	0.152	76.0	69.0	86.2	66.0	141.4	60.8	0.616	69	98	E by S	33	...	Fine with passing clouds.
11	29.970	0.148	77.9	70.5	86.8	67.6	143.0	64.0	0.647	68	118	E by S	30	...	Do.
12	29.913	0.149	78.0	70.7	88.5	69.1	149.2	65.0	0.655	69	117	E S E	40	...	Fine with light clouds.
13	29.876	0.131	76.8	69.9	86.9	68.5	148.2	64.2	0.640	69	126	SE by E	33	...	Fine with passing clouds.
14	29.868	0.151	77.6	69.8	87.2	68.4	142.4	64.6	0.624	66	120	S E	27	...	Do.
15	29.861	0.166	79.4	71.3	87.9	69.4	142.2	65.7	0.660	66	165	SE by S	27	...	Do.
16	29.840	0.204	80.6	73.4	89.3	72.7	144.9	69.5	0.727	69	163	S E	30	...	Do.
17	29.846	0.138	80.1	72.7	89.6	72.6	142.7	69.2	0.705	68	172	S S E	30	...	Do.
18	29.850	0.148	81.5	74.5	89.8	76.1	142.9	66.1	0.761	71	200	S S E	27	...	Do.
19	29.810	0.170	82.0	74.3	90.2	74.4	143.4	71.0	0.746	68	216	SE by S	27	...	Do.
20	29.774	0.154	82.7	75.5	90.3	77.5	146.4	76.0	0.787	70	227	SE by S	30	...	Fine.
21	29.762	0.148	83.3	75.8	91.4	77.0	144.2	74.9	0.787	69	229	SE by S	13	...	Fine with passing clouds.
22	29.828	0.127	83.3	76.7	89.6	78.3	142.6	76.0	0.831	73	230	SE by S	23	...	Do.
23	29.869	0.137	82.0	75.9	89.3	76.1	143.7	73.4	0.814	75	193	S E	30	...	Do.
24	29.898	0.140	81.2	74.7	88.7	74.3	143.9	70.2	0.773	73	158	SE by S	23	...	Do.
25	29.928	0.150	81.9	74.3	91.3	72.3	145.9	68.0	0.747	69	134	S E	23	...	Do.
26	29.907	0.191	83.0	75.7	91.5	75.7	146.4	72.5	0.792	70	124	SE by E	20	...	Fine.
27	29.847	0.168	82.1	74.4	91.1	74.5	145.0	71.1	0.748	68	145	SE by S	17	...	Do.
28	29.839	0.140	82.2	74.7	91.5	75.1	143.5	71.3	0.760	69	194	S S E	27	...	Fine with passing clouds.
29	29.875	0.133	82.6	74.4	90.8	75.3	142.4	73.0	0.742	66	209	S S E	23	...	Do.
30	29.825	0.159	82.2	75.2	92.3	74.5	143.4	70.5	0.781	71	225	S S E	20	...	Fine.
31	29.813	0.097	84.0	75.7	99.9	76.8	150.6	75.1	0.778	67	217	S by E	23	...	Do.
Mean	29.902	0.145	79.9	72.5	89.1	71.9	144.8	68.5	0.703	69	156	SE by E	27	Nil.	

Madras Meteorological Observations. 1880—April.

April 1880	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.792	0.135	83.7	77.3	92.5	78.4	141.8	76.5	0.851	73	258	S S E	13	...	Fine.
2	29.812	0.131	84.1	77.6	91.4	80.2	142.8	78.4	0.860	74	206	S S E	27	...	Fine with light clouds.
3	29.797	0.148	84.7	77.7	92.5	79.2	145.5	77.2	0.856	72	161	SE by E	30	...	Fine with passing clouds.
4	29.776	0.125	86.2	77.2	92.3	78.3	146.3	75.2	0.813	65	159	SE by S	27	...	Chiefly fine.
5	29.785	0.110	84.0	77.0	91.2	77.5	143.9	74.8	0.834	72	170	SE by E	23	...	Fine.
6	29.789	0.143	84.0	76.9	92.3	77.6	150.2	75.4	0.830	72	171	S E	30	...	Fine with passing clouds.
7	29.794	0.091	84.1	76.6	91.4	77.7	143.5	75.5	0.816	70	164	SE by E	30	...	Do.
8	29.768	0.133	83.9	76.4	92.5	76.6	149.9	73.4	0.810	69	155	SE by E	27	...	Do.
9	29.798	0.133	84.8	76.7	93.7	77.6	149.7	75.1	0.811	68	142	SE by E	30	...	Do.
10	29.794	0.135	85.0	78.1	92.7	79.6	147.5	78.3	0.870	72	227	SE by S	40	...	Do.
11	29.785	0.141	85.1	77.6	93.1	80.8	144.8	79.8	0.847	70	267	S S E	37	...	Do.
12	29.759	0.169	85.9	78.8	93.7	80.6	145.9	79.4	0.891	72	217	S by E	27	...	Do.
13	29.780	0.133	84.4	78.9	91.5	80.7	146.8	79.4	0.915	77	232	SE by S	30	...	Do.
14	29.820	0.145	84.8	78.1	92.8	79.7	143.3	79.5	0.873	74	178	SE by S	33	...	Do.
15	29.827	0.143	84.3	76.9	92.1	77.4	143.8	74.6	0.826	70	195	SE by S	27	...	Do.
16	29.874	0.144	83.6	76.8	91.7	76.4	143.9	74.0	0.831	72	195	SE by S	30	...	Fine with light clouds.
17	29.886	0.126	84.1	77.2	91.3	78.2	143.1	75.2	0.841	72	213	S S E	27	...	Fine with passing clouds.
18	29.865	0.131	84.5	76.5	93.2	77.4	147.4	75.0	0.806	68	186	SE by S	37	...	Light passing clouds.
19	29.797	0.171	84.7	77.1	94.5	77.1	149.3	72.5	0.830	70	225	S S E	47	...	Fine with passing clouds.
20	29.796	0.177	84.2	75.7	97.7	77.5	149.4	75.2	0.775	66	194	S by W	53	...	Passing clouds.
21	29.784	0.147	83.8	75.6	101.8	79.0	150.1	76.8	0.776	68	132	South	47	...	Do.
22	29.766	0.152	85.9	76.0	101.5	75.8	150.6	72.8	0.765	61	154	South	23	...	Fine with passing clouds.
23	29.767	0.145	87.3	78.5	95.5	80.7	144.8	76.2	0.858	65	229	S S E	43	...	Do.
24	29.750	0.137	85.8	79.2	93.8	80.3	141.6	79.9	0.910	74	208	S S E	47	...	Do.
25	29.754	0.146	86.6	77.0	97.3	81.0	145.4	80.1	0.800	62	174	S S E	27	...	Fine with light clouds.
26	29.785	0.126	85.5	78.1	93.4	79.4	142.6	79.0	0.863	70	164	S E	30	...	Fine with passing clouds.
27	29.852	0.121	85.1	76.3	92.9	78.7	143.4	77.1	0.789	66	147	S E	33	...	Do.
28	29.899	0.145	84.9	76.5	94.4	77.3	145.6	75.3	0.800	66	144	E S E	30	...	Do.
29	29.853	0.151	84.5	76.6	93.9	76.3	145.7	73.9	0.810	68	129	SE by E	27	...	Do.
30	29.750	0.148	85.8	77.9	95.2	77.4	146.3	75.6	0.850	68	185	S S E	33	...	Fine with light clouds.
Mean	29.802	0.139	84.8	77.2	93.8	78.5	145.8	76.4	0.834	70	186	SE by S	32	Nil.	

Madras Meteorological Observations. 1880—May.

May 1880	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Cents	Points	Inches	
1	29.688	0.134	87.4	79.4	98.8	81.0	148.8	79.8	0.897	69	254	S by E	40	...	Fine with passing clouds.
2	29.720	0.140	88.4	76.9	105.5	80.2	154.4	77.8	0.771	57	211	S by E	37	...	Do.
3	29.749	0.124	87.6	77.7	96.3	81.3	144.8	80.2	0.817	62	252	South	47	...	Fine day : cloudy night.
4	29.725	0.170	87.8	78.9	101.5	82.5	151.6	81.8	0.869	66	297	South	33	...	Fine with passing clouds.
5	29.733	0.113	87.2	77.8	94.8	83.2	139.1	82.6	0.827	64	312	S by E	53	...	Hazy.
6	29.756	0.127	86.1	77.3	93.9	80.8	145.8	79.7	0.819	65	279	S by E	40	...	Fine with light clouds.
7	29.789	0.124	87.5	78.6	97.1	82.5	145.8	81.8	0.859	66	352	S by E	30	...	Fine with passing clouds.
8	29.780	0.118	86.5	79.2	92.7	81.5	142.6	80.8	0.901	72	259	S S E	47	...	Fine day : cloudy night.
9	29.810	0.107	86.0	76.6	96.0	78.4	151.9	77.8	0.790	63	209	S by E	53	...	Light passing clouds.
10	29.775	0.144	86.2	78.2	94.5	80.5	148.8	79.3	0.858	68	242	SE by S	30	...	Fine with passing clouds.
11	29.736	0.140	86.9	78.9	94.2	80.5	142.8	79.8	0.881	69	256	S by E	20	...	Fine.
12	29.731	0.076	86.6	77.2	100.6	78.0	148.8	76.4	0.808	63	191	S by E	40	...	Hazy.
13	29.716	0.145	87.2	79.1	94.8	80.2	142.6	77.8	0.887	69	195	S E	37	...	Fine with passing clouds.
14	29.707	0.081	88.0	76.6	100.5	79.5	150.6	77.8	0.763	57	176	S S E	30	...	Hazy.
15	29.715	0.095	86.4	78.2	96.7	80.5	143.8	76.9	0.855	67	135	S E	60	...	Do.
16	29.746	0.103	85.7	78.9	94.9	79.6	143.8	77.8	0.896	74	131	S E	53	...	Light passing clouds.
17	29.738	0.139	87.2	79.4	96.0	79.2	143.7	76.1	0.900	69	152	SE by E	43	...	Do.
18	29.724	0.129	86.8	77.6	98.0	78.3	149.0	76.0	0.824	64	168	S by E	47	...	Do.
19	29.680	0.135	88.9	79.3	108.1	82.2	159.2	81.0	0.873	64	225	South	40	...	Do.
20	29.681	0.118	88.9	76.6	104.1	80.5	150.5	79.0	0.751	55	185	S S W	37	...	Fine with light clouds.
21	29.705	0.088	88.3	75.8	102.8	81.9	153.9	81.3	0.724	53	238	SW by S	60	...	Cloudy.
22	29.703	0.098	88.4	76.1	103.0	78.6	151.1	77.8	0.736	56	229	S by W	57	...	Passing clouds.
23	29.722	0.122	88.1	75.9	97.8	80.8	145.9	79.1	0.731	56	250	S by W	47	...	Do.
24	29.710	0.090	86.8	77.7	95.9	81.6	142.5	79.4	0.828	65	218	S by E	63	...	Hazy.
25	29.715	0.129	88.5	78.8	98.7	82.4	147.7	80.3	0.855	63	233	South	33	...	Fine with light clouds.
26	29.667	0.105	88.4	78.0	98.8	82.2	145.8	80.3	0.819	62	237	S by E	47	...	Fine with light clouds : th.
27	29.672	0.112	87.6	77.1	100.3	81.3	148.1	80.4	0.790	60	197	S by W	43	...	Fine with passing clouds : lg. N. W.
28	29.646	0.095	88.1	78.3	102.6	82.6	143.0	81.8	0.838	64	182	South	37	...	Fine with passing clouds.
29	29.605	0.119	88.7	77.0	102.1	80.7	149.3	79.0	0.770	57	237	South	23	...	Fine.
30	29.570	0.142	89.1	77.4	107.9	82.8	151.7	82.2	0.783	58	267	S by W	60	...	Passing clouds.
31	29.552	0.126	89.6	77.0	105.1	83.6	146.7	82.8	0.759	55	261	S by W	50	...	Do.
Mean	29.709	0.119	87.6	77.8	99.2	80.9	147.6	79.5	0.822	63	227	S by E	43	Nil.	

Madras Meteorological Observations. 1880—June.

June 1880	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
	Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles				Points	Cents	Inches
1	29.554	0.121	88.9	77.4	93.6	84.5	147.5	79.4	0.786	57	211	S S W	63	...	Passing clouds.
2	29.555	0.107	88.3	75.5	94.3	83.3	148.0	82.1	0.711	53	275	S S W	47	...	Do.
3	29.581	0.104	88.6	75.1	95.9	83.5	146.3	82.8	0.690	51	257	SW by S	70	...	Cloudy.
4	29.640	0.119	93.6	74.7	94.3	84.1	150.7	83.0	0.606	38	319	W S W	40	...	Fine with passing clouds.
5	29.673	0.124	88.9	74.5	94.2	83.4	153.9	83.1	0.661	48	347	S W	50	...	Passing clouds.
6	29.727	0.129	89.6	76.1	96.6	85.2	149.0	84.8	0.719	51	261	SW by S	40	...	Fine with passing clouds.
7	29.743	0.152	89.5	76.0	93.1	82.0	127.5	80.8	0.716	51	174	W S W	57	...	Cloudy.
8	29.705	0.121	87.5	75.2	91.8	81.5	134.8	81.4	0.709	54	150	S S W	87	...	Do.
9	29.674	0.143	88.9	77.3	95.3	84.3	157.8	83.7	0.782	57	251	S by W	40	0.07	Fine with passing clouds.
10	29.667	0.105	86.8	74.4	91.1	83.3	144.4	81.4	0.685	53	216	S S W	70	...	Cloudy.
11	29.692	0.071	86.7	72.6	90.5	83.3	118.5	81.0	0.614	48	181	S S W	100	...	Overcast.
12	29.698	0.093	83.9	74.2	89.0	79.5	131.5	78.8	0.716	61	157	SW by S	100	0.45	Overcast: rain.
13	29.668	0.134	83.9	75.6	86.9	74.3	144.7	73.8	0.775	68	200	S S W	63	0.04	Passing clouds.
14	29.655	0.131	86.2	75.4	93.3	80.0	154.0	79.1	0.736	58	237	S S W	70	...	Cloudy.
15	29.670	0.111	86.1	75.7	94.0	82.2	157.4	81.7	0.749	59	215	S S W	73	0.02	Do.
16	29.675	0.134	87.4	76.5	105.2	80.2	151.4	79.1	0.766	59	173	S by W	63	...	Passing clouds.
17	29.703	0.128	88.5	74.9	101.9	82.2	150.7	81.3	0.683	51	237	South	58	...	Do.
18	29.726	0.106	87.5	75.6	100.6	81.9	148.1	81.0	0.726	56	210	S by W	47	...	Do.
19	29.728	0.128	87.6	74.4	102.0	79.4	145.9	78.7	0.674	52	215	SW by S	50	...	Do.
20	29.733	0.138	87.3	75.9	104.8	79.3	143.9	77.9	0.742	57	219	S S W	67	...	Cloudy.
21	29.725	0.104	86.5	74.9	101.5	79.3	149.5	78.8	0.710	57	165	S S W	53	...	Light passing clouds.
22	29.709	0.119	86.0	75.6	101.9	78.7	159.5	76.4	0.746	60	141	W S W	63	0.02	Cloudy.
23	29.748	0.089	79.1	74.9	84.0	78.2	105.0	73.8	0.810	82	107	W by S	100	0.32	Overcast: rain.
24	29.714	0.129	84.9	75.0	95.0	76.5	145.2	74.7	0.736	61	116	W S W	73	0.05	Cloudy.
25	29.707	0.103	86.6	72.3	98.2	80.0	143.9	78.8	0.602	47	171	W by S	70	0.02	Do.
26	29.721	0.112	85.7	74.0	97.3	78.3	145.5	77.1	0.710	55	127	W S W	87	0.02	Do.
27	29.715	0.135	88.5	72.6	101.0	80.3	151.3	79.0	0.588	44	159	W by S	97	0.03	Overcast.
28	29.717	0.144	87.0	73.3	98.7	80.3	141.7	76.3	0.636	50	170	W S W	100	...	Cloudy.
29	29.686	0.142	87.4	73.1	99.9	80.3	142.8	78.1	0.623	48	159	SW by W	67	0.07	Passing clouds.
30	29.690	0.125	86.0	73.5	98.0	78.3	150.7	77.0	0.659	53	212	West	80	...	Cloudy.
Mean	29.686	0.120	87.4	74.9	96.1	80.9	144.7	79.5	0.702	55	201	S W	68	1.11	

Madras Meteorological Observations. 1880—July.

July 1880	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.743	0.129	85.4	73.0	99.1	80.9	150.7	79.6	0.646	53	212	W by S	80	0.03	Cloudy.
2	29.729	0.142	85.5	73.6	102.2	78.6	150.8	76.1	0.669	55	210	S W	60	...	Do.
3	29.758	0.148	86.1	74.4	101.4	79.4	140.7	77.8	0.694	55	190	SW by S	57	0.53	Passing clouds: rain.
4	29.784	0.098	79.8	74.4	88.1	73.6	128.0	72.8	0.779	76	125	S S W	97	0.41	Cloudy: rain.
5	29.791	0.117	81.1	74.0	88.4	73.4	122.7	74.2	0.746	71	165	SW by W	90	...	Cloudy.
6	29.781	0.112	81.1	73.3	94.9	77.2	148.7	75.6	0.716	67	186	SW by W	67	0.05	Do.
7	29.748	0.159	83.4	72.8	97.3	75.6	145.0	73.1	0.666	59	161	SW by W	73	0.03	Cloudy: lg. S.
8	29.722	0.148	85.6	72.4	97.0	78.6	142.7	77.1	0.618	51	201	W S W	90	...	Cloudy: lg. W.
9	29.726	0.143	85.8	72.9	97.0	80.2	139.3	77.6	0.636	51	213	W S W	77	0.01	Cloudy: lg. S.
10	29.717	0.141	87.3	72.2	97.8	78.0	153.7	76.8	0.588	44	241	W by S	63	...	Cloudy.
11	29.740	0.120	87.7	74.1	101.3	81.2	152.5	78.8	0.661	50	238	SW by W	50	...	Passing clouds.
12	29.733	0.171	87.2	73.6	101.0	79.8	152.4	78.7	0.647	49	232	SW by W	73	0.07	Do.
13	29.645	0.180	87.8	73.5	101.4	80.4	152.8	78.7	0.634	47	231	W by S	63	0.06	Do.
14	29.605	0.102	87.0	72.4	97.2	79.2	143.5	77.6	0.601	47	250	West	90	0.04	Cloudy.
15	29.643	0.112	88.7	70.7	100.5	81.0	149.3	79.9	0.511	38	284	West	97	...	Hazy.
16	29.687	0.118	87.7	73.2	101.2	80.8	146.6	79.0	0.623	47	247	SW by W	63	...	Do.
17	29.699	0.155	86.1	74.7	101.7	80.7	149.4	79.6	0.707	57	198	S S W	50	...	Passing clouds.
18	29.709	0.123	88.8	77.4	101.9	79.3	152.6	77.6	0.787	57	199	S S W	43	...	Do.
19	29.735	0.138	84.0	75.6	98.6	77.2	151.6	75.5	0.773	66	200	SW by W	63	1.94	Thunderstorm at 5½ p.m.
20	29.787	0.121	82.6	74.6	90.5	76.2	141.6	73.6	0.750	67	164	S W	77	0.07	Cloudy.
21	29.766	0.133	84.6	73.8	94.5	78.4	149.4	76.5	0.680	59	205	W by N	87	0.01	Do.
22	29.739	0.103	82.0	72.3	89.4	77.6	119.9	77.6	0.664	61	190	West	100	0.01	Overcast.
23	29.714	0.117	81.2	73.4	89.0	74.3	119.6	72.5	0.719	67	149	NW by W	83	0.15	Chiefly cloudy: rain.
24	29.719	0.142	85.4	74.0	97.1	76.9	152.4	74.8	0.687	56	198	SW by W	67	...	Cloudy.
25	29.762	0.127	87.0	75.3	101.1	79.4	153.4	76.4	0.720	57	237	SW by W	63	0.01	Passing clouds.
26	29.799	0.073	84.2	77.1	99.8	79.1	153.2	77.4	0.836	72	225	S W	67	0.08	Do.
27	29.770	0.096	81.4	76.2	91.2	74.8	138.4	73.4	0.835	77	175	W S W	97	0.91	Cloudy: rain.
28	29.782	0.141	83.9	75.5	93.3	77.3	140.6	75.6	0.771	66	169	W S W	60	...	Passing clouds.
29	29.759	0.117	82.7	73.0	96.7	75.9	145.9	72.9	0.682	60	174	Variable	70	0.08	Cloudy.
30	29.745	0.089	85.1	73.3	95.3	78.6	141.6	77.2	0.662	55	206	S W	60	...	Do.
31	29.713	0.136	86.1	73.7	97.8	79.3	145.8	77.2	0.665	53	176	S W by S	60	...	Passing clouds.
Mean	29.734	0.127	84.9	73.9	96.9	78.2	144.6	76.5	0.690	58	202	SW by W	72	4.49	

Madras Meteorological Observations. 1880—August.

August 1880	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deducéd		Wind		Clouds	Rain	General Weather	
	Mean	Range			Dry		Sun	Grass			Daily Velo- city	Mean Direc- tion				
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity						
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points.	Cents	Inches		
1	29.708	0.126	87.1	73.8	99.3	80.5	154.5	80.1	0.656	50	244	W by S	68	...	Cloudy.	
2	29.695	0.138	87.7	73.1	100.7	80.3	152.9	79.1	0.620	46	244	W S W	67	...	Passing clouds.	
3	29.652	0.144	86.9	74.2	101.8	80.4	151.5	79.7	0.676	52	259	W S W	63	0.14	Passing clouds : rain.	
4	29.645	0.175	85.4	75.2	101.8	79.1	153.3	77.8	0.738	60	252	S W	70	0.02	Cloudy.	
5	29.647	0.179	90.1	75.0	102.0	81.8	156.7	80.2	0.666	46	277	SW by W	60	...	Passing clouds.	
6	29.661	0.129	84.7	74.4	97.2	82.8	142.7	82.6	0.714	60	236	SW by W	73	0.01	Cloudy : th.	
7	29.712	0.144	83.7	73.9	95.8	78.9	150.9	77.7	0.706	60	178	SW by S	72	1.67	Cloudy with rain.	
8	29.733	0.127	83.9	75.1	95.6	75.2	152.3	73.8	0.754	64	150	South	73	0.27	Do.	
9	29.752	0.119	84.3	75.1	92.7	77.9	149.6	76.5	0.748	62	139	SE by S	63	...	Light clouds.	
10	29.753	0.098	84.8	76.0	96.0	76.8	149.5	75.8	0.780	65	181	South	53	...	Light passing clouds.	
11	29.744	0.126	85.4	75.3	97.3	77.5	147.6	75.9	0.743	60	165	Variable	30	...	Fine with passing clouds.	
12	29.772	0.147	83.8	76.3	94.4	77.7	151.7	77.0	0.807	69	153	South	88	...	Cloudy : lg. S.	
13	29.764	0.130	82.6	76.0	93.3	74.6	145.1	73.1	0.810	72	120	W S W	77	0.08	Cloudy.	
14	29.793	0.120	81.4	76.3	89.9	77.0	145.6	75.9	0.839	77	63	S S E	67	0.19	Do.	
15	29.791	0.125	78.9	74.2	88.9	76.4	140.3	74.9	0.794	79	136	South	90	1.65	Cloudy : thunderstorm at 8 P.M.	
16	29.816	0.104	80.3	75.1	85.9	73.7	124.7	73.1	0.802	77	61	S W	100	0.02	Overcast.	
17	29.785	0.100	81.6	72.6	90.1	76.8	138.1	75.4	0.681	63	131	West	100	0.15	Do.	
18	29.760	0.118	81.8	73.2	95.6	73.7	142.8	72.6	0.703	65	118	N W	93	0.09	Cloudy.	
19	29.753	0.170	84.4	72.9	96.5	77.0	147.0	74.9	0.655	56	171	S W	60	...	Light passing clouds.	
20	29.788	0.113	84.1	73.6	96.2	78.2	149.1	76.7	0.688	59	165	South	57	...	Do.	
21	29.794	0.101	84.4	72.6	97.8	78.5	148.9	76.7	0.643	55	135	W by S	80	...	Cloudy.	
22	29.783	0.118	83.6	74.6	99.6	77.5	151.5	75.3	0.737	64	156	S by W	38	...	Passing clouds	
23	29.762	0.137	85.0	76.5	97.4	78.9	152.8	77.1	0.799	65	152	South	47	...	Light passing clouds.	
24	29.767	0.133	85.6	76.4	96.4	78.5	153.2	77.5	0.787	64	191	South	33	...	Fine with passing clouds.	
25	29.776	0.136	84.8	77.2	92.9	79.8	144.3	79.1	0.833	70	177	South	47	...	Cloudy day : fine night.	
26	29.797	0.136	80.8	74.6	92.3	76.1	133.9	75.9	0.774	74	107	W S W	87	...	Cloudy : th.	
27	29.790	0.134	81.3	75.5	85.6	76.2	112.3	74.0	0.806	74	75	W S W	100	0.12	Overcast : rain.	
28	29.759	0.144	81.8	74.8	91.8	76.2	143.8	73.6	0.769	69	124	W N W	93	0.07	Cloudy.	
29	29.743	0.135	78.3	74.3	86.2	71.9	120.8	71.2	0.796	82	123	NW by W	93	0.21	Cloudy : rain.	
30	29.724	0.144	80.5	75.2	89.9	75.2	150.9	74.0	0.804	76	52	NW by N	57	0.21	Cloudy day : fine night : rain.	
31	29.725	0.151	82.9	77.0	94.7	76.7	153.9	75.1	0.849	75	131	South	50	...	Passing clouds.	
Mean	29.747	0.132	83.6	74.8	94.7	77.5	145.6	76.2	0.747	65	157	SW by S	69	4.90		

Madras Meteorological Observations. 1880—September.

September 1880	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.738	0.144	80.7	75.8	94.6	76.7	151.0	76.0	0.826	78	122	SW by S	77	0.13	Cloudy : th. lg. and rain.
2	29.736	0.158	77.5	74.6	83.5	70.6	120.0	69.9	0.819	86	92	West	100	2.94	Overcast : thunderstorm at 5 A.M.
3	29.740	0.118	83.3	75.6	91.5	76.7	140.9	77.2	0.783	69	121	SW by W	70	...	Cloudy.
4	29.778	0.104	83.9	77.6	94.7	78.4	149.9	77.1	0.864	74	131	S S W	53	...	Passing clouds.
5	29.791	0.096	79.5	75.7	92.0	77.6	148.4	76.0	0.838	82	123	S W	80	0.69	Cloudy : thunderstorm about 8½ P.M.
6	29.805	0.102	79.9	75.1	87.1	74.3	124.2	72.7	0.808	78	117	W S W	97	0.18	Cloudy.
7	29.819	0.083	82.4	73.9	93.3	74.8	145.1	72.9	0.723	65	115	S W	80	...	Do.
8	29.845	0.090	78.4	73.4	84.6	75.1	110.9	72.6	0.757	78	122	W N W	97	0.12	Overcast.
9	29.867	0.070	74.4	72.7	75.4	74.5	84.0	73.6	0.782	92	80	W by N	100	3.62	Overcast : heavy thunderstorm.
10	29.806	0.115	75.0	73.1	76.3	73.0	80.3	71.2	0.790	92	40	N W	100	0.57	Overcast : th. lg. and rain.
11	29.707	0.139	80.4	76.0	91.3	73.2	145.1	70.7	0.839	81	97	W N W	80	0.21	Cloudy : rain : th. S.
12	29.691	0.130	80.1	74.8	93.4	75.5	140.4	74.0	0.792	77	174	SW by W	63	0.10	Cloudy : rain.
13	29.757	0.106	82.0	75.6	91.2	75.4	139.0	74.0	0.800	74	153	SW by W	80	0.06	Cloudy.
14	29.763	0.152	84.1	75.3	91.9	77.9	140.7	75.6	0.760	64	161	W S W	90	...	Do.
15	29.746	0.168	84.2	76.0	93.5	77.4	147.4	74.0	0.788	67	224	W S W	63	...	Passing clouds.
16	29.735	0.147	82.3	75.2	92.4	76.8	117.3	74.4	0.780	71	214	S W	50	...	Do.
17	29.777	0.141	84.0	77.0	93.9	76.7	148.3	74.7	0.834	72	201	S W	47	...	Fine with passing clouds.
18	29.760	0.159	85.5	76.2	97.0	76.7	146.0	74.7	0.779	62	188	S W	53	...	Passing clouds.
19	29.740	0.162	84.2	76.7	95.5	78.6	151.3	77.5	0.819	70	172	SW by W	70	...	Cloudy.
20	29.747	0.119	84.5	73.5	95.0	78.4	163.6	76.9	0.679	58	157	W N W	77	...	Do.
21	29.764	0.118	84.8	76.9	100.0	78.5	149.5	75.7	0.819	68	119	SW by W	67	0.01	Passing clouds.
22	29.794	0.111	84.6	73.3	96.6	76.0	148.0	73.9	0.669	56	154	W S W	53	...	Fine with passing clouds.
23	29.781	0.146	86.5	74.7	99.4	77.6	151.7	74.0	0.702	56	190	S W	33	...	Fine with light clouds.
24	29.776	0.146	87.2	73.9	99.0	80.1	150.3	78.6	0.659	51	191	SW by W	47	...	Passing clouds.
25	29.771	0.145	84.2	74.9	98.0	77.6	158.3	76.2	0.741	68	175	S W	57	...	Do.
26	29.783	0.122	84.4	75.4	97.4	78.2	152.5	75.7	0.760	64	154	South	57	...	Do.
27	29.809	0.143	83.4	74.9	97.8	77.2	153.3	75.3	0.752	66	152	S S W	70	0.01	Do.
28	29.819	0.156	85.2	75.3	97.4	78.5	154.6	76.0	0.745	61	127	South	60	0.01	Do.
29	29.812	0.167	82.9	76.1	93.6	74.0	159.0	71.9	0.810	72	148	South	63	0.07	Do.
30	29.805	0.140	82.7	77.0	90.0	77.9	132.3	75.7	0.851	76	73	S by E	60	0.10	Passing clouds : lg. W.
Mean	29.775	0.130	82.4	75.2	92.6	76.5	140.1	74.6	0.779	71	143	SW by W	68	8.82	

Madras Meteorological Observations. 1880—October.

October 1880	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.842	0.090	78.6	74.9	85.5	75.3	134.5	74.1	0.817	83	85	S W	87	0.49	Cloudy : th. and lg. : rain.
2	29.888	0.136	81.6	76.3	88.3	76.3	149.3	74.3	0.836	77	86	S by E	40	...	Fine with passing clouds.
3	29.893	0.168	81.2	75.8	88.0	76.3	145.5	74.2	0.820	77	88	S S E	63	0.08	Passing clouds.
4	29.904	0.150	82.1	76.5	88.4	77.1	146.2	73.8	0.839	77	102	SE by S	40	0.12	Cloudy day : fine night.
5	29.910	0.144	80.7	75.5	89.7	74.4	145.7	71.0	0.814	77	75	S S E	27	...	Fine with light clouds.
6	29.882	0.154	80.7	74.7	90.4	74.4	148.5	71.1	0.780	74	87	S S E	20	...	Fine
7	29.885	0.133	81.9	75.3	90.5	74.3	148.0	70.5	0.790	73	74	SE by S	23	...	Fine with passing clouds.
8	29.896	0.141	82.6	75.3	92.4	74.4	155.7	70.6	0.780	70	90	E by S	20	...	Do.
9	29.878	0.112	81.9	75.2	90.8	74.2	144.3	70.4	0.785	72	85	E by N	13	...	Fine.
10	29.829	0.131	81.6	75.2	92.6	75.7	145.3	72.8	0.789	73	97	N E	70	...	Hazy.
11	29.846	0.107	81.0	76.7	93.6	76.7	150.8	74.3	0.862	82	95	N N E	80	0.26	Cloudy : th. lg. and rain.
12	29.810	0.153	81.2	76.5	91.9	76.3	154.3	73.7	0.851	80	80	N N E	100	...	Hazy.
13	29.763	0.155	83.9	77.5	95.2	77.6	143.8	75.6	0.858	74	101	North	57	...	Passing clouds.
14	29.742	0.123	82.2	75.6	97.4	76.0	153.3	74.0	0.798	73	99	N N W	80	0.31	Cloudy : rain.
15	29.752	0.133	82.7	74.9	91.8	74.5	148.0	72.1	0.762	68	64	S by W	70	...	Cloudy.
16	29.781	0.104	83.1	76.3	90.8	76.7	149.0	74.2	0.816	71	52	E S E	70	...	Do.
17	29.794	0.118	80.1	75.5	89.8	76.8	145.6	76.2	0.823	80	42	E S E	100	0.16	Overcast with rain.
18	29.812	0.120	79.8	75.4	84.1	75.9	130.4	74.7	0.822	80	25	NE by N	97	0.24	Do.
19	29.797	0.138	76.4	73.9	82.3	75.1	108.0	74.7	0.804	88	103	N N W	100	2.15	Overcast and wet.
20	29.776	0.130	80.4	75.6	86.1	73.6	142.9	72.0	0.822	79	76	SW by S	60	0.01	Passing clouds.
21	29.812	0.109	77.9	74.9	86.2	73.0	138.0	72.8	0.826	86	48	W by S	68	1.30	Cloudy with rain.
22	29.868	0.103	79.2	75.8	86.6	75.3	145.0	71.5	0.847	85	77	NE by E	87	0.23	Cloudy : th. and lg.
23	29.883	0.123	77.3	74.7	84.6	72.9	154.2	71.8	0.826	89	112	N by E	100	1.23	Overcast with rain : th. and lg.
24	29.890	0.131	77.0	74.4	84.1	74.5	97.4	74.0	0.818	88	100	North	100	0.11	Overcast : th.
25	29.924	0.162	77.5	74.9	82.8	73.9	122.8	73.5	0.832	89	101	North	77	0.18	Cloudy : rain.
26	29.911	0.132	80.1	76.1	87.8	74.6	144.4	73.0	0.848	82	121	N N E	50	0.03	Fine with passing clouds.
27	29.906	0.098	80.0	76.3	86.7	76.3	140.1	74.2	0.858	84	36	E N E	47	0.03	Fine with passing clouds : th. and lg.
28	29.929	0.141	80.6	75.1	89.3	73.8	145.4	71.0	0.798	76	45	E by S	20	...	Fine with passing clouds.
29	29.928	0.135	81.3	75.8	89.5	75.4	136.9	71.2	0.819	77	78	E by N	27	...	Do.
30	29.918	0.126	81.7	76.4	90.4	75.6	151.2	71.2	0.839	77	110	NE by N	23	...	Do.
31	29.908	0.095	77.9	74.0	83.7	75.2	110.8	70.0	0.788	82	161	N by E	97	1.68	Overcast with rain.
Mean	29.857	0.129	80.5	75.5	88.8	75.2	141.1	72.9	0.821	79	84	E N E	62	8.61	

Madras Meteorological Observations. 1880—November.

November 1880	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion.			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.880	0.128	77.1	73.9	83.4	73.4	136.4	72.3	0.795	85	152	North	97	1.46	Overcast.
2	29.887	0.172	76.4	73.1	76.9	73.7	88.2	72.0	0.772	85	149	North	100	0.51	Do.
3	29.879	0.119	74.3	72.2	76.2	71.9	90.6	71.0	0.763	90	140	N by E	100	1.18	Do.
4	29.837	0.113	75.0	71.4	78.3	71.0	116.6	70.0	0.722	84	268	NW by N	100	0.28	Do.
5	29.863	0.113	79.0	73.6	86.6	73.2	140.9	71.0	0.757	77	75	NW by N	60	...	Passing clouds.
6	29.862	0.143	80.4	75.2	89.8	74.6	149.1	72.0	0.805	77	100	W S W	43	...	Chiefly fine.
7	29.931	0.106	75.6	73.4	85.4	72.4	138.4	72.0	0.795	89	75	SW by S	87	1.82	Overcast: thunderstorm.
8	29.984	0.097	78.5	75.2	88.1	75.0	149.6	71.9	0.831	85	92	E by N	87	0.17	Cloudy with rain: lg.
9	29.972	0.108	79.8	76.5	86.7	76.4	145.4	74.7	0.869	86	121	E N E	87	0.39	Do. : do.
10	29.975	0.137	78.5	75.4	86.4	74.6	149.0	73.0	0.840	86	99	NE by E	93	0.22	Cloudy with rain: th. and lg.
11	29.976	0.125	76.5	74.3	82.9	74.3	141.4	72.0	0.820	90	94	N N E	93	0.51	Do. : do.
12	29.978	0.102	79.0	75.8	86.8	74.9	147.2	73.3	0.850	86	129	N E	87	0.74	Cloudy.
13	29.996	0.117	78.0	73.7	84.5	74.4	135.2	72.0	0.774	81	175	NE by E	90	0.29	Do.
14	29.997	0.117	78.9	72.2	85.1	73.4	145.0	69.0	0.701	71	242	NE by N	27	...	Fine with passing clouds.
15	29.957	0.129	75.7	72.9	83.6	72.2	146.6	72.0	0.773	87	170	N by E	70	0.11	Cloudy: rain.
16	29.964	0.121	79.3	74.7	87.0	72.5	145.1	72.1	0.799	80	108	NE by N	60	0.07	Passing clouds.
17	29.968	0.114	77.8	74.5	86.3	74.6	145.7	72.1	0.810	84	65	N N E	83	0.23	Cloudy: rain: th.
18	29.974	0.125	78.6	72.9	86.6	72.7	145.1	72.1	0.733	76	145	NE by N	50	...	Passing clouds.
19	29.938	0.125	77.7	73.0	85.7	69.5	147.3	66.4	0.750	80	158	N N E	40	...	Fine with passing clouds.
20	29.859	0.134	77.5	74.5	82.0	74.4	139.3	70.6	0.815	86	236	N by E	90	1.14	Overcast with rain: th.
21	29.825	0.060	78.6	74.4	82.3	74.9	115.9	73.3	0.796	82	288	E by N	100	0.23	Overcast.
22	29.934	0.070	78.3	75.2	85.0	76.7	149.3	74.6	0.834	86	188	SE by E	93	0.26	Cloudy with rain.
23	29.948	0.113	79.1	75.3	86.6	74.2	153.9	73.0	0.827	82	115	E by S	73	1.28	Cloudy.
24	29.929	0.121	77.3	74.3	84.9	74.7	142.3	73.9	0.809	86	80	NE by E	73	0.14	Cloudy day: fine night.
25	29.915	0.111	79.7	75.1	86.5	72.5	141.6	69.9	0.811	80	139	NE by E	60	...	Passing clouds.
26	29.923	0.096	77.2	74.5	86.1	74.0	144.6	71.6	0.819	89	148	E N E	80	0.27	Cloudy with rain.
27	29.953	0.080	74.6	72.0	75.2	73.4	112.5	71.9	0.752	88	166	N E	100	2.00	Overcast with rain.
28	29.940	0.093	73.1	72.0	75.6	72.4	87.3	71.1	0.772	95	113	NE by E	100	5.66	Overcast.
29	29.919	0.106	75.6	73.4	82.7	72.5	138.1	72.1	0.795	90	117	N E	97	0.50	Do.
30	29.911	0.114	74.8	73.2	77.0	72.0	85.3	71.6	0.798	93	75	E S E	100	3.51	Do.
Mean	29.929	0.114	77.4	73.9	83.7	73.5	133.8	71.8	0.793	85	141	NE by N	81	22.97	

Madras Meteorological Observations. 1880—December.

December 1880	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hm- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.944	0.136	75.1	73.1	78.4	72.4	99.6	70.6	0.789	90	123	E by S	100	0.95	Overcast with rain.
2	29.985	0.085	74.3	72.7	76.4	73.0	81.6	72.4	0.784	93	64	E by N	83	1.31	Rainy day : fine night.
3	30.011	0.122	77.2	73.0	84.4	70.6	144.4	66.2	0.757	81	99	NE by E	34	...	Fine with passing clouds.
4	29.987	0.111	77.4	73.4	85.4	70.9	141.4	66.7	0.770	82	71	N E	47	0.02	Passing clouds.
5	29.975	0.120	78.5	73.9	86.0	71.8	146.4	68.2	0.776	80	114	N E	53	...	Do.
6	30.028	0.096	74.7	71.8	83.1	73.7	144.2	70.5	0.742	86	159	NE by N	90	0.13	Cloudy with rain.
7	29.975	0.128	75.6	71.1	83.8	71.9	139.0	64.7	0.703	79	105	N E	67	...	Passing clouds.
8	29.993	0.126	74.7	69.6	82.2	69.4	141.0	65.4	0.657	77	117	NE by N	50	...	Do.
9	30.007	0.126	73.6	69.6	82.7	67.0	144.2	63.5	0.671	81	95	N N E	37	...	Fine with passing clouds.
10	30.016	0.128	73.6	68.5	82.9	66.8	141.4	61.2	0.630	76	90	N by E	17	...	Fine.
11	30.017	0.117	72.5	67.5	83.6	65.6	140.6	60.4	0.608	76	64	N N E	27	...	Fine with passing clouds.
12	30.045	0.124	72.2	69.6	83.6	63.6	141.1	59.0	0.691	88	73	N N E	27	...	Do.
13	30.081	0.129	73.3	69.2	84.3	64.2	139.2	58.0	0.660	81	80	N N E	17	...	Fine.
14	30.079	0.121	75.1	70.0	85.1	67.0	141.4	61.7	0.667	77	93	N E	27	...	Fine with passing clouds.
15	30.050	0.127	75.6	70.1	85.1	69.0	149.7	64.7	0.664	75	158	NE by N	43	0.06	Passing clouds.
16	30.030	0.101	74.3	69.1	84.3	66.0	148.2	62.5	0.643	75	96	N N E	33	...	Fine with passing clouds.
17	30.022	0.102	73.0	68.0	84.3	65.0	143.4	61.3	0.619	76	71	N N E	40	...	Passing clouds.
18	30.041	0.095	73.9	68.4	85.2	65.9	150.2	61.4	0.622	74	51	E N E	33	...	Fine with passing clouds.
19	30.028	0.136	75.7	69.2	85.1	66.0	143.4	60.5	0.628	71	121	N E	40	...	Do.
20	29.988	0.138	76.3	70.6	86.1	67.6	150.7	61.5	0.673	74	177	N E	53	...	Passing clouds.
21	29.996	0.124	72.8	69.6	76.7	67.9	96.3	66.5	0.682	85	193	NE by N	100	1.55	Rainy morning : overcast.
22	30.007	0.099	75.6	69.0	81.9	71.8	140.6	67.5	0.622	71	200	NE by N	43	0.01	Fine with passing clouds.
23	30.006	0.124	74.3	69.5	80.7	67.9	139.8	64.8	0.659	78	177	N by E	70	...	Cloudy.
24	30.004	0.104	76.6	73.6	84.3	73.3	141.4	70.8	0.790	86	247	NE by N	87	1.71	Unsettled : heavy rain.
25	30.042	0.121	77.8	73.0	84.2	72.2	145.0	71.7	0.749	79	305	N E	57	0.03	Passing clouds.
26	30.052	0.114	77.1	71.1	82.9	73.3	144.8	69.4	0.682	73	222	NE by N	50	...	Do.
27	30.071	0.123	76.0	69.4	83.9	69.2	145.7	65.5	0.632	71	169	NE by N	30	...	Fine with passing clouds.
28	30.070	0.130	74.7	69.8	82.3	67.3	145.4	65.5	0.664	77	149	NE by N	50	...	Passing clouds.
29	30.016	0.137	74.0	69.0	82.7	68.9	146.4	65.7	0.643	76	102	N N E	33	...	Fine with passing clouds.
30	30.024	0.134	72.8	67.4	83.3	66.6	146.6	63.5	0.600	74	81	N N E	27	...	Do.
31	30.046	0.122	72.9	67.5	83.8	64.4	141.4	60.6	0.602	74	79	N E	43	...	Do.
Mean	30.021	0.119	74.9	70.2	83.2	68.7	138.9	64.9	0.680	79	127	NE by N	49	5.77	

Madras Mean Monthly and Annual Meteorological Results in 1880.

	Barometer		Dry Bulb Thermometer				Wet Bulb		Tension of Vapour	Relative Humidity	Sun Maximum	Minimum on Grass	Wind		Rain		Clear Sky	
	Reduced to 32°	Daily Range	Mean	Max.	Min.	Range	Mean	Min.	By Blanford's Tables	Inches			Cents	Miles	Points	Inches		No.
Inches	Inches	°	°	°	°	°	°	°	Inches	Cents	°	°	Points	Points	Inches	No.	Cents	
January	29.962	0.125	73.8	84.4	65.6	18.8	67.1	63.4	0.577	69	141.5	61.0	138	5	N E by E	2.65	5	64
February	29.947	0.130	76.3	85.0	68.6	16.4	69.7	66.5	0.641	70	143.8	65.4	123	9	E by S	2.48	1	71
March	29.902	0.145	79.9	89.1	71.9	17.2	72.5	69.6	0.703	69	144.8	68.5	150	11	S E by E	...	...	73
April	29.802	0.139	84.8	93.8	78.5	15.3	77.2	75.4	0.834	70	145.8	76.4	186	13	S E by S	...	...	68
May	29.709	0.119	87.6	99.2	80.9	18.3	77.8	74.8	0.822	63	147.6	79.5	227	15	S by E	...	...	57
June	29.686	0.120	87.1	96.1	80.9	15.2	74.9	72.1	0.702	55	144.7	79.5	201	20	S W	1.11	11	32
July	29.734	0.127	84.9	96.9	78.2	18.7	73.9	70.9	0.690	58	144.6	76.5	202	21	S W by W	4.49	18	28
August	29.747	0.132	83.6	94.7	77.5	17.2	74.8	71.7	0.747	65	145.6	70.2	157	19	S W by S	4.90	15	31
September	29.775	0.130	82.4	92.6	76.5	16.1	75.2	72.1	0.779	71	140.1	74.6	143	21	S W by W	8.82	15	32
October	29.857	0.129	80.5	88.8	75.2	13.6	75.5	73.1	0.821	79	141.1	72.9	84	6	E N E	8.61	17	38
November	29.929	0.114	77.4	83.7	73.5	10.2	73.9	71.8	0.793	85	133.8	71.8	141	3	N E by N	22.97	24	19
December	30.021	0.119	74.9	83.2	68.7	14.5	70.2	67.3	0.680	79	138.9	64.9	127	3	N E by N	5.77	9	51
Annual	29.839	0.127	81.1	90.6	74.7	16.0	73.6	70.7	0.732	69	142.7	72.3	157	12	S E	61.80	115	47

Madras Extreme Monthly Meteorological Records in 1880.

	Barometer				Dry Bulb Thermometer				Wet Bulb		Humidity		Sun Thermometer		Grass Thermometer		Wind				Rain			
	Highest		Lowest		Range		Highest		Lowest		Lowest		Highest		Lowest		Highest		Lowest		Greatest Fall			
	Inches	Day	Inches	Day	Inches	Day	°	Day	°	Day	Cents	Day	°	°	°	Day	Miles	Day	Miles	Day	Inches	Day		
January...	30.133	25	29.740	3	0.393	3	87.0	4	59.0	3	56.4	3	41	11	150.8	28	54.0	3	297	26	68	10	1.09	30
February...	30.105	24	29.762	17	0.343	17	87.3	14	61.2	7	59.7	7	46	7	151.4	9	57.3	7	182	1	83	21	2.48	18
March.....	30.106	6	29.696	21	0.410	21	99.9	31	64.5	9	62.1	9	44	31	150.6	31	60.8	10	230	22	90	9	...	...
April.....	29.955	28	29.672	24	0.283	24	101.8	21	75.8	22	69.3	22	37	25	150.6	22	72.5	19	267	11	129	29	...	...
May.....	29.852	9	29.484	31	0.368	31	107.9	30	78.0	12	70.9	12	32	22	159.2	19	76.0	18	352	7	131	16	...	...
June.....	29.808	7	29.485	1	0.323	1	105.2	16	74.3	13	69.8	27	30	4	159.5	22	73.8	13	347	5	107	23	0.45	12
July.....	29.843	20	29.541	14	0.302	14	102.2	2	73.4	5	67.7	29	23	15	153.7	10	72.5	23	284	15	125	4	1.94	19
August.....	29.859	16	29.550	4	0.309	4	102.0	5	71.9	29	69.5	2	28	5	156.7	5	71.2	29	277	5	52	30	1.67	7
September	29.908	9	29.610	12	0.298	12	100.0	21	70.6	2	68.4	25	30	24	163.6	20	69.9	2	224	15	40	10	3.62	9
October....	30.005	25	29.672	14	0.333	14	97.4	14	72.9	23	71.3	23	48	15	155.7	8	70.0	31	161	31	25	18	2.15	19
November.	30.051	14	29.784	21	0.267	21	89.8	6	69.5	19	67.6	19	53	6	153.9	23	66.4	19	288	21	65	17	5.66	28
December.	30.147	13	29.885	1	0.262	1	86.1	20	63.6	12	63.1	31	54	18	150.7	20	58.0	13	305	25	51	18	1.71	24

Madras Meteorological Observations. 1881—January.

January 1881	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	30.031	0.121	73.1	68.1	84.6	66.3	143.3	62.0	0.617	76	98	N E	27	...	Fine with passing clouds.
2	30.003	0.102	73.6	68.9	84.8	65.6	143.6	60.8	0.647	78	75	N E	23	...	Do.
3	30.039	0.084	74.6	69.7	84.8	66.8	144.8	61.8	0.661	77	72	E N E	33	...	Do.
4	30.046	0.098	76.1	69.1	84.4	66.5	144.9	60.9	0.619	69	133	NE by E	37	...	Do.
5	30.047	0.126	75.1	70.5	85.1	68.3	143.7	64.7	0.686	79	121	NE by N	50	...	Passing clouds.
6	30.012	0.111	76.2	70.3	84.8	68.0	147.8	63.5	0.663	73	96	NE by N	47	...	Do.
7	29.998	0.119	77.1	71.0	86.4	68.4	148.7	63.9	0.678	73	124	N E	53	...	Do.
8	29.997	0.139	77.9	70.7	86.4	71.6	147.3	67.1	0.656	69	177	N E	47	...	Fine with passing clouds.
9	29.976	0.137	76.9	68.2	84.7	73.8	141.7	70.0	0.574	61	237	NE by E	50	...	Passing clouds.
10	30.005	0.106	74.4	68.3	83.6	68.8	140.3	64.9	0.612	72	137	N E	97	...	Cloudy.
11	29.988	0.121	75.3	71.1	80.3	72.9	119.1	70.8	0.707	80	195	N E	100	0.06	Overcast.
12	29.956	0.107	76.6	71.5	82.6	72.3	141.8	72.0	0.706	77	231	N E	80	0.42	Cloudy : rain.
13	29.972	0.122	76.7	70.3	83.6	70.1	142.3	66.0	0.656	71	259	NE by N	37	...	Fine with passing clouds.
14	30.034	0.080	77.3	70.5	84.8	73.7	144.9	68.8	0.656	70	279	N E	57	0.04	Passing clouds.
15	30.086	0.097	77.9	70.6	83.9	73.7	143.2	68.8	0.652	69	306	NE by N	47	...	Do.
16	30.042	0.129	77.1	69.7	83.9	73.1	145.9	67.8	0.628	68	299	NE by N	40	...	Fine with passing clouds.
17	30.008	0.127	76.7	69.0	83.0	71.0	143.5	68.2	0.607	66	257	N E	83	...	Cloudy.
18	29.997	0.082	77.7	70.5	84.4	74.8	146.1	72.0	0.653	70	266	NE by N	90	...	Do.
19	29.996	0.106	77.4	69.9	85.2	74.1	146.2	70.6	0.632	67	250	N E	60	...	Passing clouds.
20	30.032	0.119	78.0	69.0	85.4	73.2	144.1	69.8	0.589	61	250	N E	43	...	Do.
21	30.050	0.116	75.5	67.3	85.2	68.2	147.1	64.3	0.560	64	184	N E	50	...	Do.
22	30.047	0.110	74.7	65.5	83.9	66.9	146.5	61.8	0.507	60	244	NE by N	53	...	Do.
23	30.040	0.126	73.4	65.0	83.5	64.2	144.5	58.9	0.506	61	186	NE by N	30	...	Fine with passing clouds.
24	30.059	0.112	74.4	66.2	83.8	64.2	148.1	58.6	0.536	62	186	NE by N	47	...	Passing clouds.
25	30.066	0.115	74.2	65.0	83.7	62.9	147.1	57.3	0.496	59	212	NE by N	33	...	Fine with passing clouds.
26	30.048	0.147	70.2	63.2	83.9	61.9	147.1	55.7	0.488	66	162	N N E	33	...	Do.
27	30.039	0.144	71.1	64.0	82.5	61.1	147.8	55.2	0.503	66	132	N N E	37	...	Do.
28	30.013	0.119	74.2	64.2	85.1	62.2	143.5	57.0	0.468	55	144	NE by N	10	...	Fine.
29	30.000	0.141	72.9	64.4	83.4	62.6	149.3	56.0	0.492	60	155	NE by N	30	...	Fine with passing clouds.
30	30.021	0.113	72.9	63.9	85.1	61.5	147.2	55.3	0.475	58	148	NE by N	13	...	Fine.
31	30.052	0.114	71.8	64.3	84.9	60.4	144.5	57.2	0.503	60	121	N E	40	...	Fine with passing clouds.
Mean	30.023	0.115	75.2	68.1	84.2	68.0	144.4	63.6	0.594	68	185	N E	48	0.52	

Madras Meteorological Observations. 1881—February.

February 1881	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sum	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	30.019	0.122	73.7	66.0	84.7	62.6	144.8	55.9	0.537	64	141	N E	15	...	Fine.
2	30.011	0.113	75.9	69.7	85.6	65.9	146.1	60.6	0.641	72	128	N E by E	30	...	Fine with passing clouds.
3	30.026	0.108	77.3	71.0	86.0	69.4	144.3	65.1	0.675	72	163	N E	30	...	Do.
4	30.073	0.117	76.0	69.1	86.0	67.4	145.4	62.3	0.619	69	142	N E	23	...	Do.
5	30.108	0.113	74.3	68.2	85.4	65.2	147.2	59.2	0.610	72	127	N E	22	...	Do.
6	30.125	0.125	74.5	67.5	86.4	64.3	143.7	58.0	0.581	68	103	N E	23	...	Do.
7	30.125	0.134	76.4	67.4	84.8	64.8	146.8	59.4	0.552	60	130	NE by E	33	...	Do.
8	30.054	0.157	75.0	64.4	84.4	62.6	144.5	55.9	0.464	54	198	NE by E	43	...	Do.
9	29.993	0.145	74.6	65.6	85.2	67.4	144.3	59.6	0.511	60	124	NE by E	23	...	Do.
10	29.971	0.121	74.2	66.0	84.6	61.6	145.1	55.1	0.531	62	138	E N E	7	...	Fine.
11	29.972	0.111	73.1	65.8	85.4	62.7	145.8	56.6	0.539	66	77	E N E	7	...	Do.
12	29.984	0.126	74.3	67.4	86.7	64.9	145.3	59.1	0.579	68	83	E N E	10	...	Do.
13	29.967	0.130	74.2	67.1	88.0	63.9	146.1	58.2	0.570	68	60	E by N	3	...	Do.
14	29.980	0.129	76.2	69.0	86.0	64.4	146.2	58.6	0.613	68	116	E by N	23	...	Fine with passing clouds.
15	30.003	0.128	76.5	70.3	86.1	67.8	147.3	62.3	0.659	72	142	E by N	47	...	Do.
16	30.033	0.126	78.3	71.0	87.2	70.8	147.7	66.6	0.662	69	123	NE by E	53	...	Passing clouds.
17	30.015	0.116	77.3	70.4	88.0	70.1	147.0	63.7	0.652	69	69	E N E	47	...	Do.
18	30.031	0.108	76.2	68.7	88.5	68.6	153.5	63.7	0.602	67	55	East	40	...	Fine with passing clouds.
19	30.043	0.131	75.1	68.1	86.9	65.0	147.1	58.3	0.594	68	54	East	23	...	Fine.
20	30.042	0.130	74.2	68.1	86.3	65.4	147.5	58.7	0.607	72	60	SE by E	13	...	Do.
21	30.024	0.143	75.0	68.6	87.5	65.7	144.8	58.8	0.614	71	70	E by S	17	...	Do.
22	30.006	0.120	74.4	67.8	88.4	64.8	146.7	57.9	0.593	70	46	East	7	...	Do.
23	29.983	0.143	74.9	68.1	86.6	63.0	145.0	55.8	0.597	69	77	E by S	1	...	Do.
24	29.970	0.137	75.0	69.1	84.9	66.1	147.8	59.5	0.634	72	69	S E	23	...	Fine with passing clouds.
25	30.001	0.102	75.7	69.0	85.3	64.7	142.7	59.0	0.620	70	75	SE by E	20	...	Fine.
26	30.004	0.123	75.8	69.4	86.2	67.6	147.8	61.5	0.634	71	61	SE by E	13	...	Do.
27	29.998	0.139	75.5	68.8	87.3	66.1	145.5	59.9	0.615	70	59	E S E	20	...	Fine with passing clouds.
28	29.947	0.152	76.3	70.0	86.7	67.6	143.5	62.0	0.650	72	50	E S E	10	...	Fine.
Mean	30.018	0.127	75.4	68.3	86.3	65.7	146.1	59.7	0.598	68	98	E by N	22	Nil.	

Madras Meteorological Observations. 1881—March.

March 1881	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.924	0.140	76.4	69.4	89.9	64.5	147.3	60.4	0.626	69	72	E S E	13	...	Fine.
2	29.922	0.115	76.9	68.6	90.7	65.9	146.3	60.6	0.589	64	63	SE by E	7	...	Do.
3	29.913	0.132	75.3	69.2	87.7	64.6	144.2	61.4	0.634	72	67	E by S	01	...	Do.
4	29.876	0.130	76.7	70.6	89.3	66.7	147.0	60.7	0.668	73	148	SE by S	0	...	Clear.
5	29.852	0.141	78.0	72.1	87.2	69.4	143.0	63.6	0.710	74	203	S by E	10	...	Fine.
6	29.894	0.128	79.5	73.4	88.6	72.4	144.7	69.9	0.742	74	207	S S E	30	...	Fine with passing clouds.
7	29.940	0.110	78.9	71.6	86.5	72.6	143.7	69.9	0.678	69	120	SE by E	30	...	Do.
8	29.912	0.121	76.1	69.3	85.9	66.9	141.5	62.4	0.626	70	139	SE by S	13	...	Fine.
9	29.906	0.126	78.7	72.4	87.4	69.6	143.3	65.4	0.712	73	169	S S E	47	...	Hazy.
10	29.915	0.124	79.5	73.9	87.9	72.7	146.1	69.4	0.763	76	163	S S E	57	...	Do.
11	29.947	0.116	78.8	73.0	89.2	72.3	143.7	67.6	0.735	75	130	SE by S	50	...	Do.
12	29.920	0.132	78.5	72.6	87.6	70.8	146.8	67.2	0.723	74	113	S E	60	...	Do.
13	29.923	0.121	79.0	72.8	91.1	69.6	147.8	65.6	0.723	73	127	SE by S	37	...	Fine with light clouds.
14	29.906	0.133	79.5	73.6	91.3	70.2	146.7	66.4	0.750	74	132	S S E	37	...	Do.
15	29.920	0.111	78.8	72.9	92.9	70.9	145.2	68.2	0.731	74	148	S S E	20	...	Fine.
16	29.924	0.136	79.1	73.6	91.0	70.9	145.9	65.9	0.756	76	154	S S E	10	...	Do.
17	29.915	0.151	81.0	74.4	89.2	71.3	147.3	67.7	0.764	72	211	S S E	23	...	Fine with passing clouds.
18	29.936	0.116	82.3	76.4	89.0	77.1	147.6	68.9	0.831	75	201	SE by S	37	...	Do.
19	29.962	0.118	82.9	76.0	89.4	77.6	150.5	75.2	0.805	71	205	S E	30	...	Do.
20	29.987	0.121	82.9	75.8	91.0	77.0	146.6	73.5	0.797	71	138	E S E	33	...	Do.
21	29.978	0.119	82.9	76.3	90.8	78.6	147.2	76.4	0.819	73	145	E S E	40	...	Do.
22	29.962	0.110	82.0	75.1	90.6	74.3	145.2	71.1	0.779	71	153	S E	30	...	Do.
23	29.972	0.127	81.7	74.2	89.2	74.1	147.3	71.7	0.746	69	162	SE by S	43	...	Do.
24	29.940	0.132	81.5	73.8	89.6	74.3	144.4	70.6	0.731	68	166	S E	33	...	Do.
25	29.923	0.145	82.2	73.5	90.2	73.9	143.6	71.1	0.710	64	189	S E	33	...	Do.
26	29.930	0.128	81.1	71.9	88.7	73.1	146.1	70.1	0.659	62	204	SE by S	27	...	Do.
27	29.976	0.144	82.0	74.1	91.2	75.5	148.9	73.1	0.737	67	152	SE by E	27	...	Do.
28	29.975	0.131	83.5	76.7	91.7	77.1	144.8	74.7	0.828	72	133	E by S	60	...	Cloudy.
29	29.967	0.150	83.3	76.3	91.0	79.2	148.6	77.6	0.813	71	184	E S E	43	...	Passing clouds.
30	29.990	0.111	83.5	76.4	91.8	77.3	147.4	75.1	0.815	71	165	SE by E	33	...	Fine with passing clouds.
31	29.954	0.151	83.4	76.2	91.5	76.6	145.0	73.9	0.808	70	159	SE by E	30	...	Do.
Mean	29.934	0.128	80.2	73.4	89.6	72.5	145.9	68.9	0.736	71	152	S E	31	Nil.	

Madras Meteorological Observations. 1881—April.

April 1881	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city.	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.910	0.131	83.1	75.7	91.3	76.1	145.3	74.1	0.789	69	141	S E	30	...	Fine with passing clouds.
2	29.876	0.138	82.7	76.5	91.6	73.8	146.8	70.8	0.830	74	146	SE by S	13	...	Fine.
3	29.837	0.142	82.7	76.3	92.2	74.5	145.3	71.4	0.821	73	192	S S E	17	...	Do.
4	29.832	0.128	83.1	77.0	96.9	74.6	145.3	71.8	0.847	75	211	S S E	20	...	Do.
5	29.888	0.127	83.6	76.5	90.9	76.8	144.5	73.8	0.818	72	193	SE by S	27	...	Fine with light clouds.
6	29.927	0.128	82.9	75.8	92.2	74.6	145.5	71.0	0.797	71	180	S E	27	...	Fine.
7	29.916	0.140	83.7	76.1	92.3	75.5	144.3	72.8	0.800	69	111	SE by E	17	...	Do.
8	29.853	0.117	82.5	75.4	90.3	75.0	142.8	71.8	0.786	71	184	SE by S	7	...	Do.
9	29.810	0.170	83.2	75.7	94.0	74.7	143.9	71.9	0.789	69	232	S S E	10	...	Do.
10	29.769	0.160	85.8	77.9	94.0	80.1	144.5	78.2	0.850	68	281	S by E	30	...	Hazy.
11	29.763	0.098	84.7	77.8	93.6	78.0	143.2	70.8	0.860	72	221	S by E	67	...	Light hazy clouds.
12	29.820	0.126	84.1	78.2	91.6	78.4	146.2	77.1	0.886	75	202	SE by S	47	...	Hazy.
13	29.902	0.124	84.6	77.8	93.0	76.9	146.5	72.8	0.862	73	148	S E	30	...	Fine with light clouds.
14	29.853	0.164	83.9	77.0	91.6	75.9	145.7	72.8	0.835	72	166	S E	27	...	Do.
15	29.817	0.129	84.0	76.6	92.6	76.0	144.9	73.8	0.817	70	192	S S E	20	...	Fine.
16	29.858	0.128	84.3	77.6	92.5	77.1	145.9	74.2	0.857	73	207	SE by S	47	...	Passing clouds.
17	29.858	0.125	84.8	77.0	92.3	79.0	143.7	76.7	0.824	69	189	SE by S	43	...	Fine with passing clouds.
18	29.853	0.106	84.6	77.3	92.1	78.4	144.7	76.7	0.840	71	182	S E	20	...	Fine.
19	29.847	0.104	83.9	77.5	92.0	77.1	144.3	72.7	0.858	74	183	S E	13	...	Do.
20	29.893	0.124	84.2	77.5	92.5	76.3	144.7	73.5	0.854	73	201	SE by S	13	...	Do.
21	29.884	0.161	84.5	76.8	95.4	75.9	148.5	72.7	0.819	69	198	SE by S	10	...	Do.
22	29.830	0.151	85.9	78.9	92.7	79.8	145.2	77.7	0.895	72	247	S S E	10	...	Do.
23	29.812	0.128	85.7	79.0	95.0	79.9	145.3	77.7	0.902	73	257	S S E	13	...	Do.
24	29.820	0.136	85.2	79.4	92.1	79.2	145.4	75.7	0.927	76	225	SE by S	13	...	Do.
25	29.828	0.146	84.8	78.0	93.2	77.6	145.7	74.7	0.868	73	208	SE by S	20	...	Fine with light clouds.
26	29.856	0.157	85.3	78.0	94.0	77.5	145.5	74.7	0.862	71	174	SE by S	37	...	Do.
27	29.801	0.147	85.6	78.8	93.8	77.6	149.1	75.2	0.894	73	203	S S E	37	...	Fine with passing clouds
28	29.730	0.151	87.0	78.3	100.1	78.9	149.0	76.5	0.852	66	237	S by E	40	...	Hazy.
29	29.736	0.125	87.5	77.9	99.4	79.4	148.9	76.7	0.828	65	216	S S E	57	...	Do.
30	29.766	0.141	85.7	79.9	94.8	80.5	143.5	79.4	0.943	77	222	S S E	60	...	Do.
Mean	29.838	0.135	84.5	77.4	93.3	77.2	145.5	74.3	0.847	72	198	SE by S	27	Nil.	

Madras Meteorological Observations. 1881—May.

May 1881	BAROMETER REDUCED TO 32°		Corrected Mean Temperatnro		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.768	0.099	85.7	80.2	93.8	79.5	148.2	76.4	0.958	78	208	SE by S	33	...	Fine with passing clouds.
2	29.726	0.137	85.1	78.5	93.5	76.5	147.3	73.4	0.887	74	167	S E	40	...	Fino with light clouds.
3	29.690	0.134	86.4	76.6	99.0	76.0	147.5	73.0	0.785	62	143	SE by E	20	...	Fine.
4	29.698	0.127	86.1	79.9	95.5	78.1	144.4	75.2	0.938	75	172	SE by E	47	...	Passing clouds.
5	29.713	0.098	87.9	80.3	101.8	82.1	151.6	81.1	0.933	71	218	S S E	37	...	Fine with passing clouds.
6	29.814	0.091	87.1	81.2	93.8	83.2	146.9	81.8	0.984	76	240	S E	50	...	Passing clouds.
7	29.829	0.128	86.5	77.8	94.6	80.8	148.2	78.9	0.836	66	204	SE by S	30	...	Fine with passing clouds.
8	29.796	0.144	85.6	78.0	97.4	78.1	147.4	75.5	0.858	70	183	S S E	23	...	Fine.
9	29.794	0.155	85.6	79.3	93.6	78.8	145.3	76.2	0.917	75	218	SE by S	40	...	Fine with light clouds.
10	29.808	0.130	86.4	80.4	93.9	82.5	144.1	81.2	0.958	76	276	S S E	40	...	Do.
11	29.827	0.144	86.2	80.1	92.8	82.5	146.8	81.2	0.947	76	264	SE by S	50	...	Passing clouds.
12	29.807	0.127	85.7	78.3	91.2	79.1	142.6	78.2	0.869	70	179	South	47	...	Do.
13	29.800	0.126	86.8	78.5	96.6	80.8	146.9	78.2	0.864	68	190	SE by S	43	...	Do.
14	29.816	0.121	86.9	80.5	93.7	82.4	144.6	81.2	0.957	74	257	SE by S	40	...	Fine with passing clouds.
15	29.794	0.117	87.6	80.6	95.2	80.7	142.4	79.5	0.951	73	191	SE by S	40	...	Do.
16	29.764	0.127	88.0	79.4	97.3	82.2	148.7	80.8	0.889	67	224	S S E	40	...	Do.
17	29.725	0.096	87.8	76.7	100.6	79.9	147.7	77.6	0.770	59	201	South	37	...	Do.
18	29.616	0.122	90.2	77.8	105.0	82.4	150.9	81.2	0.786	55	229	South	23	...	Fine with light clouds.
19	29.634	0.089	90.0	80.5	108.5	83.1	154.3	81.8	0.912	65	286	South	30	...	Do.
20	29.658	0.114	91.7	79.5	109.2	83.6	153.7	82.1	0.844	57	245	South	37	...	Do.
21	29.660	0.109	91.1	80.1	112.9	84.9	159.2	83.6	0.879	60	265	South	34	...	Do.
22	29.642	0.145	89.9	79.1	109.6	83.7	154.0	82.4	0.849	60	234	S S W	53	...	Passing clouds : lg. S. W.
23	29.581	0.154	91.9	80.7	111.0	84.8	158.0	84.2	0.898	61	220	S by E	63	...	Passing clouds : lg.
24	29.595	0.093	90.7	78.4	108.9	86.1	158.7	85.1	0.807	55	237	South	63	...	Hazy.
25	29.686	0.178	84.9	75.1	96.7	74.9	140.7	72.0	0.740	61	221	S by E	80	0.26	Cloudy : rain.
26	29.674	0.118	88.5	76.6	102.8	84.4	145.3	83.0	0.756	56	275	S S W	57	...	Passing clouds.
27	29.696	0.102	88.7	76.0	103.6	82.1	146.7	80.3	0.727	54	206	S S W	37	...	Fine with light clouds.
28	29.720	0.114	89.1	77.8	102.0	80.9	149.2	78.4	0.801	58	212	S S E	13	...	Fine.
29	29.718	0.096	90.2	78.6	102.5	83.5	149.5	81.8	0.823	58	188	S by W	20	...	Fine : lg. zenith : th.
30	29.674	0.113	90.2	77.9	102.6	84.4	148.3	83.0	0.791	55	231	South	17	...	Do.
31	29.593	0.148	94.7	79.1	108.9	85.1	157.1	83.8	0.814	48	255	S W	30	...	Fine with passing clouds : lg. N. W.
Mean	29.721	0.122	88.2	78.8	100.4	81.5	148.9	79.7	0.862	65	220	S by E	39	0.26	

Madras Meteorological Observations. 1881—June.

June 1881	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.585	0.158	90.6	78.8	102.8	87.5	145.2	86.7	0.827	57	200	SW by S	100	...	Overcast.
2	29.626	0.076	86.3	76.1	92.3	78.6	110.9	75.1	0.764	61	249	West	95	0.11	Cloudy : rain.
3	29.626	0.147	87.8	76.1	96.5	79.2	131.4	77.6	0.744	57	186	NW by W	83	0.02	Cloudy.
4	29.616	0.136	90.2	77.9	99.8	80.5	142.7	77.5	0.791	56	211	W by S	80	0.02	Do.
5	29.616	0.109	90.3	79.8	100.4	80.4	145.1	74.7	0.876	62	190	W by S	80	0.03	Do.
6	29.603	0.159	90.1	79.2	103.9	85.3	151.7	83.1	0.851	60	181	SW by S	70	...	Do.
7	29.635	0.100	89.2	78.0	101.7	85.0	140.7	83.7	0.809	59	169	S by W	67	...	Passing clouds.
8	29.649	0.113	87.2	77.1	99.8	80.6	148.9	79.7	0.796	62	227	S S W	67	0.11	Cloudy : rain.
9	29.684	0.122	83.1	76.1	95.0	75.1	145.0	74.0	0.807	71	179	S W	83	1.18	Do. : do.
10	29.694	0.117	84.2	76.4	94.3	79.7	131.7	75.7	0.806	68	168	S W	95	...	Cloudy.
11	29.712	0.140	84.4	75.1	97.5	77.9	142.7	75.7	0.747	63	168	S W	93	0.50	Cloudy with thunderstorm.
12	29.681	0.141	83.9	76.4	95.8	77.1	141.7	74.7	0.810	69	223	SW by S	67	0.02	Cloudy.
13	29.722	0.114	86.4	75.9	96.5	80.9	130.7	79.0	0.754	60	151	S W	93	0.04	Do.
14	29.743	0.134	87.6	75.6	97.2	81.7	133.0	79.7	0.725	56	169	S S W	90	...	Do.
15	29.683	0.156	87.2	75.5	101.5	82.0	147.0	80.7	0.726	57	202	SW by S	80	0.07	Do.
16	29.709	0.125	87.1	75.9	102.1	81.2	150.6	78.7	0.744	58	258	S S W	47	...	Fine with passing clouds.
17	29.746	0.107	86.6	76.5	101.2	81.1	149.2	78.7	0.778	62	197	South	43	...	Passing clouds.
18	29.757	0.095	87.0	77.0	99.0	80.1	146.2	77.5	0.794	62	198	S S E	47	...	Do.
19	29.749	0.076	86.9	78.4	98.8	81.5	152.6	80.3	0.858	67	204	S by E	33	0.04	Do.
20	29.764	0.089	85.1	77.1	100.4	77.5	148.4	75.7	0.824	68	212	South	50	0.02	Passing clouds : th. and lg.
21	29.756	0.120	87.1	78.4	100.8	78.8	147.6	77.7	0.855	66	149	South	40	0.01	Fine with passing clouds.
22	29.705	0.077	86.8	77.2	101.6	80.5	148.4	80.0	0.806	63	144	S S E	27	0.09	Fine with passing clouds : th.
23	29.690	0.116	86.5	77.2	96.5	80.0	124.2	77.7	0.809	64	81	South	83	...	Cloudy.
24	29.733	0.098	86.4	76.4	100.1	81.3	137.9	80.1	0.776	61	151	S by W	97	...	Overcast.
25	29.706	0.111	87.3	75.9	98.5	80.4	136.2	78.5	0.741	57	196	S by W	90	...	Cloudy.
26	29.707	0.087	83.4	77.0	90.7	78.6	115.6	76.5	0.842	73	104	N W	90	0.01	Do.
27	29.693	0.144	86.9	76.1	101.8	80.6	148.6	78.7	0.756	59	186	S S E	63	...	Passing clouds.
28	29.710	0.108	87.5	79.2	97.9	82.7	147.5	81.7	0.887	68	186	S S E	47	...	Do.
29	29.734	0.104	85.2	77.7	96.4	78.6	149.4	77.5	0.850	70	175	S by W	43	...	Fine with passing clouds : lg. W.
30	29.698	0.154	87.7	79.2	99.2	79.9	146.9	78.2	0.884	67	193	SW by S	53	0.06	Fine with passing clouds.
Mean	29.691	0.118	86.9	77.1	98.7	80.5	141.3	78.5	0.801	63	184	SW by S	70	2.33	

Madras Meteorological Observations. 1881—July.

July 1881	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Rango			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.686	0.130	86.3	75.4	99.1	78.5	142.2	75.8	0.734	58	217	West	87	...	Cloudy.
2	29.666	0.121	88.8	73.8	97.7	81.7	134.5	80.4	0.633	47	250	West	87	...	Do.
3	29.662	0.121	90.6	75.3	99.0	83.7	140.5	82.4	0.672	46	272	SWby W	80	...	Do.
4	29.724	0.139	92.2	75.9	103.5	84.0	156.9	82.8	0.676	44	268	SW by W	72	...	Do.
5	29.749	0.154	91.7	74.7	102.7	83.2	152.7	81.9	0.632	44	271	S W	67	...	Do.
6	29.727	0.141	89.7	76.7	101.0	83.5	147.5	82.4	0.744	53	287	SW by W	67	0.01	Do.
7	29.763	0.140	88.0	77.0	103.7	83.1	156.0	81.2	0.780	59	238	S W by S	60	...	Passing clouds : lg.
8	29.746	0.165	87.1	75.2	103.2	79.9	156.6	77.9	0.714	55	186	W by S	73	0.04	Cloudy.
9	29.701	0.146	88.1	75.8	102.9	81.5	151.4	78.6	0.727	55	214	SW by S	73	0.21	Cloudy : rain.
10	29.724	0.134	85.5	76.2	101.5	79.9	149.0	78.8	0.779	63	232	S S W	77	...	Chiefly overcast
11	29.720	0.139	89.4	76.0	102.8	81.3	154.5	79.3	0.717	51	274	S W	60	...	Passing clouds.
12	29.705	0.140	86.6	76.0	103.2	81.9	151.7	80.1	0.756	60	238	SW by S	67	0.15	Cloudy with rain.
13	29.759	0.085	86.2	76.4	101.3	80.6	150.5	78.9	0.779	62	245	SW by S	67	0.20	Do.
14	29.756	0.170	84.8	75.4	103.2	77.9	154.3	76.2	0.754	63	199	S S W	50	0.05	Morning fine : day cloudy.
15	29.703	0.161	89.6	74.9	104.3	81.0	148.8	78.9	0.669	48	245	SW by S	60	...	Passing clouds.
16	29.665	0.135	88.8	74.5	99.4	82.2	145.4	81.4	0.662	49	279	W S W	57	...	Do.
17	29.691	0.130	84.9	74.4	101.1	81.5	152.6	80.1	0.711	59	234	S W	57	0.08	Do.
18	29.749	0.125	85.2	76.5	98.2	77.3	149.4	76.7	0.796	66	186	Sonth	57	...	Do.
19	29.773	0.131	87.4	76.7	98.2	80.7	145.7	78.8	0.775	60	173	S S E	33	...	Fine with passing clouds.
20	29.780	0.134	84.8	76.1	100.5	81.5	149.1	81.5	0.784	66	161	S S W	57	0.08	Fine day : cloudy night : th. and lg.
21	29.765	0.152	83.1	75.0	99.6	77.9	149.6	76.8	0.761	67	204	SW by S	63	1.01	Fine day : thunderstorm.
22	29.738	0.137	84.6	76.9	96.0	73.6	141.9	72.8	0.822	70	203	S S W	60	0.01	Passing clouds.
23	29.715	0.140	86.2	75.2	98.3	80.2	137.1	78.2	0.727	58	177	SW by S	60	...	Hazy.
24	29.732	0.138	85.3	74.3	99.6	81.0	147.7	79.6	0.701	58	244	S S W	43	...	Fine with passing clouds.
25	29.754	0.111	85.2	74.9	98.7	78.5	147.4	77.0	0.728	60	186	South	33	...	Fine day : cloudy night.
26	29.746	0.109	86.0	76.1	97.2	80.5	143.6	79.5	0.768	61	180	S by E	30	...	Fine with light clouds.
27	29.755	0.131	86.6	76.1	101.8	81.5	146.8	80.1	0.760	60	192	South	47	...	Do.
28	29.782	0.098	86.3	77.7	100.4	81.8	147.1	80.9	0.834	67	200	S by E	57	...	Hazy.
29	29.826	0.084	84.7	77.4	93.1	81.5	136.8	80.6	0.843	74	166	S by E	80	...	Do.
30	29.799	0.137	84.7	77.7	97.4	80.6	152.5	79.6	0.856	72	200	S by W	70	0.48	Cloudy } Do. } thunderstorm.
31	29.764	0.149	83.0	75.4	92.2	73.5	131.5	72.2	0.779	69	158	SW by S	90	0.28	
Mean	29.736	0.133	86.8	75.8	100.0	80.5	147.5	79.1	0.744	59	219	SW by S	63	2.60	

Madras Meteorological Observations. 1881—August.

August 1881	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.704	0.109	84.2	74.0	92.0	79.1	116.9	77.9	0.703	60	140	SW by W	100	...	Overcast.
2	29.643	0.129	84.1	74.3	93.4	80.1	131.4	77.9	0.717	60	240	S W	97	...	Do.
3	29.689	0.114	84.2	74.1	96.3	78.6	151.0	76.9	0.708	60	184	S S W	90	0.01	Cloudy.
4	29.740	0.161	82.8	74.8	90.9	78.8	134.8	76.9	0.755	67	170	S by W	93	...	Cloudy : lg. S.
5	29.737	0.149	82.9	75.1	95.6	78.9	140.4	77.9	0.767	68	174	S W	80	...	Cloudy.
6	29.757	0.119	82.1	75.1	94.1	78.2	135.4	76.4	0.778	71	185	S W	93	0.67	Overcast with heavy thunderstorm.
7	29.788	0.111	78.4	74.9	91.4	73.8	137.1	73.3	0.819	84	203	S by W	80	2.35	Cloudy with heavy thunderstorm.
8	29.772	0.147	80.6	75.6	94.6	75.5	145.6	74.5	0.819	78	194	SW by S	77	...	Cloudy.
9	29.747	0.131	81.9	76.0	93.3	76.7	141.7	75.6	0.819	75	172	SW by W	100	...	Overcast.
10	29.731	0.116	81.8	75.3	90.1	77.6	120.5	75.9	0.791	73	190	SW by S	100	0.23	Overcast : rain.
11	29.751	0.108	83.3	76.3	93.7	76.3	147.8	75.2	0.813	71	214	SW by S	87	0.37	Cloudy : rain.
12	29.782	0.127	81.9	76.8	92.9	76.0	142.7	73.2	0.855	79	126	South	80	0.05	Passing clouds : th. and lg.
13	29.755	0.152	85.2	76.4	95.0	79.0	141.5	77.8	0.792	65	143	S by E	73	...	Cloudy.
14	29.731	0.135	85.4	77.2	96.5	78.2	145.0	75.9	0.824	67	143	S by W	53	...	Passing clouds.
15	29.753	0.110	85.1	77.5	95.9	79.0	150.2	77.9	0.843	70	178	S by E	47	...	Passing clouds : th. and lg.
16	29.725	0.122	83.7	76.2	95.1	78.7	139.9	77.0	0.804	69	170	S by W	77	...	Cloudy.
17	29.672	0.134	85.3	76.6	96.2	78.0	145.0	76.4	0.799	65	200	S by W	53	...	Passing clouds.
18	29.659	0.124	86.1	75.4	96.5	79.6	144.9	77.0	0.737	59	196	SW by W	87	...	Cloudy.
19	29.689	0.118	85.5	75.9	98.0	79.7	149.1	77.0	0.767	63	187	S S W	63	0.03	Passing clouds.
20	29.727	0.133	86.3	75.7	100.2	80.1	152.1	78.6	0.747	60	178	S S W	57	...	Do.
21	29.760	0.122	77.9	74.7	80.4	74.9	90.3	73.4	0.818	85	94	W S W	100	0.56	Overcast : rain.
22	29.748	0.130	82.6	77.8	92.6	77.1	133.1	75.9	0.889	80	151	SW by S	67	0.02	Cloudy.
23	29.733	0.134	83.6	77.0	91.0	77.9	147.2	76.2	0.840	73	143	South	40	...	Fine with passing clouds.
24	29.707	0.131	83.6	77.8	95.3	76.9	151.1	75.4	0.876	76	125	S S W	47	...	Passing clouds.
25	29.725	0.090	81.9	77.8	93.5	75.7	147.1	74.8	0.890	83	103	S by W	43	0.37	Passing clouds : fine night : th. & rain.
26	29.722	0.121	83.3	77.4	92.0	77.3	141.1	75.0	0.861	75	117	South	13	...	Fine.
27	29.770	0.114	82.8	77.2	95.0	76.0	149.5	73.0	0.860	77	132	S by W	50	...	Fine with light cl. : th. & lg. E. & W.
28	29.780	0.119	83.9	77.6	94.1	77.1	149.5	75.5	0.863	74	182	S S W	47	...	Fine with light clouds : lg.
29	29.775	0.151	83.0	76.7	95.2	75.5	147.2	73.8	0.836	74	149	S S W	40	...	Chiefly fine.
30	29.816	0.120	80.2	75.9	87.8	75.9	118.7	74.8	0.838	81	70	SW by W	77	0.29	Cloudy day : rain : fine night.
31	29.801	0.148	83.5	78.1	93.6	76.6	150.9	74.9	0.890	77	102	S S W	40	0.13	Passing clouds.
Mean	29.738	0.127	83.1	76.2	93.6	77.5	140.0	75.9	0.811	72	160	S S W	69	5.08	

Madras Meteorological Observations. 1881—September.

September 1881	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents.	Miles	Points	Cents	Inches	
1	29.820	0.133	81.9	76.8	95.7	78.5	149.2	...	0.855	79	169	S W	97	1.00	Overcast with rain: th. and lg.
2	29.836	0.109	80.3	75.7	90.3	72.8	136.1	70.9	0.828	80	159	S S W	83	0.10	Cloudy with rain.
3	29.829	0.114	84.0	76.8	94.8	77.8	146.3	76.7	0.826	71	162	S by W	40	...	Passing clouds.
4	29.780	0.135	84.5	76.5	93.6	77.6	145.3	75.8	0.806	68	123	SW by W	57	...	Do.
5	29.768	0.122	82.6	77.1	95.0	77.3	143.6	75.8	0.858	77	116	S S W	92	0.12	Cloudy: rain.
6	29.793	0.119	79.6	75.8	90.5	73.9	137.2	72.1	0.842	84	120	SW by S	90	0.19	Overcast: rain.
7	29.763	0.126	84.6	76.2	93.3	77.6	141.8	76.0	0.791	66	119	W S W	80	0.01	Cloudy.
8	29.757	0.147	81.7	76.2	90.4	76.6	113.9	74.1	0.831	77	108	NW by W	100	0.03	Overcast.
9	29.718	0.111	78.3	74.4	83.7	72.8	103.6	72.2	0.799	82	97	W N W	100	0.46	Overcast: rain.
10	29.682	0.103	82.3	75.4	88.2	75.7	140.8	74.8	0.788	71	113	West	95	0.11	Cloudy: rain.
11	29.712	0.121	84.1	76.8	92.1	76.2	150.1	74.6	0.824	71	145	SW by W	90	...	Cloudy.
12	29.725	0.166	82.7	75.7	94.7	76.7	142.9	74.0	0.795	71	184	SW by S	73	0.59	Cloudy: rain.
13	29.719	0.120	81.5	75.6	91.1	74.1	144.6	73.9	0.808	75	146	South	60	0.04	Passing clouds.
14	29.778	0.109	82.1	75.6	93.6	76.6	152.1	74.8	0.799	73	138	S W	60	...	Do.
15	29.821	0.087	82.7	76.0	94.5	76.1	157.4	74.0	0.808	72	121	W by N	47	...	Fine with passing clouds.
16	29.825	0.113	83.4	77.5	92.4	77.0	148.7	74.1	0.865	75	104	SW by S	43	...	Do.
17	29.829	0.165	83.0	76.2	94.1	74.6	150.2	73.1	0.813	72	142	South	43	...	Passing clouds.
18	29.807	0.136	81.0	75.4	91.4	70.6	140.5	71.9	0.806	76	171	SW by W	37	3.95	Do.
19	29.786	0.147	79.8	74.7	90.2	73.6	139.0	72.4	0.793	78	153	W S W	90	0.72	Cloudy: heavy thunderstorm.
20	29.783	0.138	81.5	74.5	90.3	75.4	137.6	73.1	0.761	71	176	SW by W	83	...	Cloudy.
21	29.790	0.122	81.1	74.6	88.0	75.4	110.5	73.1	0.770	73	105	SW by W	87	0.10	Do.
22	29.813	0.133	82.4	75.2	92.0	76.0	150.7	74.1	0.778	71	115	S W	87	0.02	Cloudy: lg.
23	29.802	0.125	79.9	75.9	94.4	76.6	151.6	73.9	0.842	82	93	S S W	70	0.56	Cloudy: rain.
24	29.761	0.128	83.4	78.3	94.6	77.4	151.6	75.9	0.902	79	118	S by W	37	...	Fine with passing clouds.
25	29.775	0.154	83.8	74.5	94.8	76.5	143.9	74.1	0.730	63	95	S W	30	...	Do.
26	29.772	0.119	84.3	76.2	97.8	77.2	145.7	74.2	0.796	68	119	S by W	10	...	Fine.
27	29.795	0.129	84.3	77.8	97.9	79.8	151.5	78.4	0.866	74	133	S S W	33	...	Fine with passing clouds.
28	29.800	0.150	80.5	75.8	88.6	77.2	139.6	75.9	0.829	80	97	S by W	67	...	Cloudy.
29	29.796	0.158	82.9	76.4	92.6	77.8	156.0	75.9	0.823	74	101	S E	40	...	Fine with passing clouds.
30	29.802	0.130	82.8	76.5	89.7	77.3	149.3	75.1	0.829	75	104	SE by S	47	0.11	Do.
Mean	29.781	0.129	82.2	76.0	92.3	76.1	142.4	74.3	0.815	74	128	S W	66	8.11	

Madras Meteorological Observations. 1881—October.

October 1881	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.803	0.150	82.3	76.1	95.9	76.5	148.8	74.3	0.818	74	149	S S W	30	...	Fine.
2	29.768	0.136	81.7	75.9	92.3	74.0	148.8	73.1	0.818	76	111	SW by W	63	0.64	Cloudy : rain.
3	29.758	0.162	82.8	77.0	93.6	77.2	141.6	75.5	0.851	76	106	W S W	60	0.01	Passing clouds.
4	29.737	0.148	83.7	76.7	90.0	78.6	120.7	76.7	0.825	72	136	SW by W	80	0.64	Cloudy : thunderstorm.
5	29.712	0.163	82.5	76.5	90.4	74.2	139.0	73.1	0.833	75	160	SW by S	83	0.57	Cloudy : rain.
6	29.715	0.096	83.2	75.8	93.5	78.4	151.4	76.3	0.792	69	144	SW by W	80	...	Cloudy.
7	29.746	0.121	83.9	76.9	95.9	77.5	149.3	75.1	0.831	72	108	SW by W	53	...	Passing clouds.
8	29.767	0.146	84.1	77.2	95.9	77.4	154.4	74.3	0.841	72	109	S S W	23	...	Fine with passing clouds.
9	29.784	0.104	83.7	75.8	95.9	76.6	149.4	73.0	0.787	68	88	SE by E	43	...	Light clouds.
10	29.802	0.091	83.6	76.7	96.0	77.0	154.0	72.2	0.826	72	72	SE by S	37	...	Fine with passing clouds.
11	29.778	0.135	84.4	74.3	96.7	75.2	152.0	70.2	0.714	60	80	S S E	10	...	Fine.
12	29.753	0.119	82.9	75.5	95.4	74.8	152.2	69.2	0.784	69	63	SE by S	10	...	Do.
13	29.798	0.085	83.5	75.7	95.6	76.1	151.4	71.1	0.785	68	75	S by E	10	...	Do.
14	29.848	0.087	82.3	76.0	93.6	75.8	156.0	71.3	0.814	74	69	S S E	17	...	Do.
15	29.872	0.113	82.7	74.7	94.2	75.2	152.0	71.2	0.753	67	63	E by S	17	...	Do.
16	29.858	0.140	82.1	74.6	92.6	75.1	153.3	71.0	0.757	69	77	E N E	27	...	Fine with passing clouds.
17	29.864	0.151	81.8	74.1	91.1	73.9	155.1	69.5	0.740	68	76	E S E	17	...	Fine.
18	29.900	0.130	82.3	73.1	91.4	78.1	150.1	68.1	0.692	61	86	East	33	...	Fine with passing clouds
19	29.920	0.118	81.8	73.3	92.5	72.8	154.7	68.0	0.707	64	97	E by N	13	...	Fine.
20	29.939	0.123	81.2	72.5	93.3	72.4	151.1	67.1	0.683	63	123	NE by E	13	...	Do.
21	29.915	0.119	79.7	72.3	91.7	72.0	152.9	67.4	0.694	68	121	N E	30	...	Fine with passing clouds
22	29.895	0.112	81.4	72.4	91.6	70.2	149.5	64.1	0.676	62	157	N E	20	...	Fine.
23	29.916	0.114	82.0	70.6	92.7	71.8	149.1	67.4	0.596	55	159	N E	40	...	Fine with passing clouds.
24	29.905	0.110	82.7	71.3	92.3	69.8	151.9	63.4	0.614	55	231	NE by N	40	...	Do.
25	29.946	0.113	83.1	73.7	92.9	74.7	155.3	68.5	0.706	62	235	NE by N	27	...	Do.
26	29.944	0.111	83.3	73.0	91.9	76.4	152.4	74.1	0.674	59	224	NE by N	33	...	Do.
27	29.901	0.110	81.0	71.0	91.4	70.3	149.8	64.2	0.626	59	164	N E	17	...	Fine.
28	29.878	0.124	80.1	70.8	90.7	68.8	147.1	63.8	0.630	60	165	N E	27	...	Fine with passing clouds.
29	29.906	0.097	80.5	70.2	91.9	70.4	158.9	64.4	0.601	57	174	N N E	57	...	Passing clouds.
30	29.864	0.116	82.0	74.1	93.1	72.6	156.5	67.3	0.737	68	174	N N E	47	...	Do.
31	29.841	0.117	79.6	75.4	88.9	76.6	149.3	73.1	0.825	81	94	N N E	70	0.05	Cloudy : th.
Mean	29.840	0.121	82.3	74.3	93.1	74.5	150.3	70.3	0.743	67	125	E S E	36	1.91	

Madras Meteorological Observations. 1881—November.

November 1881	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.867	0.108	78.6	75.7	84.6	75.8	114.6	73.5	0.850	87	66	N by E	90	0.42	Overcast with rain.
2	29.891	0.108	78.9	75.3	87.7	74.7	146.2	73.3	0.830	84	107	N E	90	0.25	Do.
3	29.875	0.107	76.5	74.6	83.9	74.0	139.7	72.3	0.831	91	76	NE by E	100	1.00	Do.
4	29.875	0.093	76.8	74.4	83.7	74.5	120.4	73.6	0.820	88	57	NE by N	100	0.24	Do.
5	29.928	0.132	79.3	75.2	86.3	73.6	143.5	72.7	0.821	82	70	East	73	0.74	Cloudy : rain.
6	29.874	0.131	80.1	75.5	88.3	76.2	143.4	74.9	0.823	80	158	NE by E	90	0.49	Overcast : rain.
7	29.849	0.128	79.3	74.6	86.8	71.6	140.0	70.7	0.795	80	191	N E	77	0.63	Cloudy : rain.
8	29.860	0.113	75.8	72.8	83.0	71.2	145.8	71.3	0.768	86	107	NE by N	97	1.24	Do. : do.
9	29.867	0.109	78.1	71.7	87.1	73.5	147.0	71.3	0.693	72	158	N by E	63	...	Passing clouds.
10	29.837	0.109	78.8	73.5	87.1	71.7	148.2	68.9	0.756	77	153	N N E	57	...	Do.
11	29.789	0.088	78.3	73.4	85.0	74.0	138.9	72.1	0.758	78	238	North	87	...	Overcast.
12	29.583	0.259	68.9	66.9	77.0	65.6	78.0	66.3	0.634	90	530	N N W	100	8.19	A moderate cyclone.
13	29.797	0.026	72.2	68.2	78.2	69.5	136.4	69.7	0.638	81	285	S E	57	...	Stormy before sunrise : fine after.
14	29.854	0.108	77.3	73.8	83.3	71.1	142.2	68.9	0.788	84	81	E S E	63	0.12	Passing clouds : rain.
15	29.879	0.110	77.9	74.4	86.2	74.0	143.4	73.5	0.805	84	71	E N E	67	0.06	Cloudy.
16	29.860	0.123	79.6	75.5	89.4	74.0	152.7	71.0	0.829	82	52	N N E	23	...	Fine with passing clouds.
17	29.846	0.138	80.1	75.7	90.8	73.7	152.4	70.6	0.830	80	46	N N E	40	...	Do.
18	29.820	0.145	80.4	75.9	89.0	74.9	155.6	72.0	0.835	80	58	SE by E	43	...	Do.
19	29.827	0.120	79.6	74.8	88.7	75.5	148.1	72.7	0.799	79	92	South	53	1.51	Passing els. : a sharp thunderstorm.
20	29.876	0.118	78.7	74.4	86.2	72.0	145.1	70.5	0.795	81	47	S by E	47	...	Passing clouds.
21	29.902	0.131	79.5	75.2	87.2	74.7	146.0	72.6	0.818	81	129	N E	47	0.26	Passing clouds : rain.
22	29.919	0.105	77.6	72.0	86.7	72.8	142.6	70.2	0.711	75	197	N N E	53	...	Fine with passing clouds.
23	29.934	0.123	76.7	69.5	83.5	72.6	138.2	72.0	0.626	69	182	North	17	...	Do.
24	29.948	0.117	75.3	70.4	83.4	70.2	141.9	67.0	0.679	77	163	North	13	...	Fine.
25	29.937	0.118	76.0	70.6	84.4	67.8	141.7	65.0	0.677	75	184	N by E	30	...	Fine with passing clouds.
26	29.938	0.117	77.1	70.8	85.2	70.5	145.1	68.0	0.670	72	191	N by E	37	...	Do.
27	29.961	0.119	78.0	71.9	85.5	71.1	145.7	68.0	0.702	74	157	N N E	33	...	Do.
28	29.966	0.129	77.6	71.6	85.0	68.7	146.4	64.8	0.695	74	220	N by E	50	...	Passing clouds.
29	29.962	0.124	76.3	71.9	80.7	72.3	108.8	71.2	0.724	80	213	N N E	83	0.25	Cloudy : rain.
30	29.970	0.109	78.3	71.4	86.0	75.5	143.7	73.8	0.677	70	253	NE by N	80	...	Cloudy.
Mean	29.876	0.119	77.6	73.1	85.3	72.6	139.4	70.7	0.756	80	151	N E	62	15.40	

Note.— 12th & 13th.—This cyclone was accompanied by a very high sea which did great damage to the Madras Harbour, but the wind at no time reached a very great velocity. The centre passed to the south of Madras. The lowest reading of the barometer was 29.51 at 4 P.M. on the 12th, and the strongest wind was between 11 P.M. on the 12th and 2 A.M. on the 13th, when it averaged 32 miles per hour. The rain was continuous from 1.30 A.M. to 8 P.M. on the 12th.

Madras Meteorological Observations. 1881—December.

December 1881	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.949	0.091	75.5	69.5	83.4	70.8	134.7	67.1	0.642	72	190	NE by N	70	...	Cloudy.
2	29.916	0.102	75.7	69.2	84.6	67.8	113.9	63.2	0.628	71	191	N N E	63	...	Do.
3	29.903	0.123	74.6	69.3	80.3	69.7	132.2	67.7	0.647	75	239	N by E	97	...	Do.
4	29.929	0.093	75.6	69.4	83.1	71.3	131.4	...	0.637	72	238	N by E	97	...	Do.
5	29.970	0.113	77.4	69.8	85.6	71.8	141.9	70.2	0.628	67	282	N N E	57	...	Passing clouds.
6	29.986	0.104	76.4	70.7	83.5	71.3	144.4	69.7	0.676	74	242	North	67	...	Do.
7	29.964	0.120	75.5	70.0	84.8	70.0	145.3	68.1	0.661	75	246	N by E	30	...	Fine with passing clouds.
8	29.937	0.135	75.2	68.8	83.4	68.1	144.2	63.7	0.620	71	262	North	73	...	Cloudy.
9	29.861	0.105	76.6	73.3	83.0	75.0	119.2	73.7	0.777	85	214	N N E	100	0.84	Cloudy : rain.
10	29.882	0.118	76.2	73.9	79.2	74.0	120.4	73.4	0.807	90	179	N by E	100	0.60	Overcast : rain.
11	29.904	0.098	77.4	74.5	84.9	72.8	140.7	72.0	0.817	86	197	N N E	80	0.26	Cloudy : rain.
12	29.939	0.132	78.3	73.9	84.6	73.9	139.2	72.7	0.779	80	254	N E	77	0.31	Do. : do.
13	29.950	0.112	78.4	73.8	83.8	75.3	131.4	73.7	0.774	80	237	N N E	90	0.05	Cloudy.
14	29.937	0.106	78.6	73.6	85.2	75.8	141.9	73.9	0.763	78	258	N N E	53	...	Passing clouds.
15	29.974	0.107	77.8	72.0	85.1	74.6	144.4	71.9	0.708	74	204	NE by N	47	...	Fine with passing clouds.
16	30.027	0.127	75.9	70.0	83.4	69.0	140.3	65.2	0.655	73	189	N N E	43	...	Do.
17	30.032	0.147	74.1	68.6	83.7	68.7	140.3	65.9	0.627	74	190	N by E	43	...	Passing clouds.
18	30.003	0.137	75.4	68.8	83.8	66.8	141.5	63.0	0.617	71	192	N N E	57	...	Do.
19	30.004	0.081	74.5	69.8	83.7	69.3	143.3	67.5	0.666	78	198	N N E	67	...	Do.
20	29.999	0.128	74.1	71.4	78.7	70.9	98.1	69.5	0.734	87	182	N by W	100	0.10	Overcast with rain.
21	29.980	0.112	76.7	73.7	83.0	75.6	125.1	74.0	0.793	86	184	NE by N	97	1.41	Do.
22	29.986	0.120	76.5	70.3	82.4	72.3	139.5	70.8	0.659	72	205	N N E	43	0.03	Passing clouds.
23	30.006	0.107	74.3	69.6	82.9	67.0	140.1	63.8	0.661	78	131	N N E	40	...	Do.
24	29.970	0.141	74.2	67.4	82.8	65.9	137.6	62.6	0.581	69	167	N N E	60	...	Do.
25	29.964	0.103	74.1	67.6	83.5	69.8	142.3	66.0	0.590	70	100	N N E	53	...	Do.
26	29.969	0.118	74.1	69.1	82.6	66.8	140.5	63.9	0.646	76	195	N by E	60	...	Do.
27	29.968	0.109	76.0	71.4	85.1	69.8	143.1	66.4	0.709	79	199	N by E	70	...	Cloudy.
28	29.887	0.149	75.1	72.2	80.2	72.3	104.7	70.8	0.752	86	247	North	100	0.02	Overcast.
29	29.871	0.110	74.7	73.1	78.9	73.5	100.3	71.6	0.795	93	323	N by E	100	1.45	Overcast with rain.
30	29.918	0.121	70.8	69.9	75.2	67.2	109.4	67.2	0.721	95	315	N by W	100	1.80	Do.
31	29.947	0.127	75.2	72.2	80.2	72.6	112.9	72.7	0.751	86	284	N N E	100	0.96	Do.
Mean	29.953	0.116	75.6	70.9	82.7	71.0	131.7	68.7	0.694	78	217	N N E	72	7.83	

Madras Mean Monthly and Annual Meteorological Results in 1881.

	Barometer		Dry Bulb Thermometer				Wet Bulb		Tension of Vapour		Relative Humidity		Maximum Z _{mn}	Minimum on Grass	Wind		Rain		Clear Sky	
	Reduced to 32°	Daily Range	Mean	Max.	Min.	Range	Mean	Min.	By Blanford's Tables	Cents	Inches	Points			Points	Miles	Daily Velocity	Mean Direction		Amount	Days
Inches	Inches	°	°	°	°	°	°	°	Inches	Cents	°	°	°	°	Miles	Points	Points	Inches	No.	Cents
January	30.023	0.115	75.2	84.2	68.0	16.2	68.1	64.7	0.594	68	144.4	63.6	185	4	185	4	N E	0.52	3	52
February	30.018	0.127	75.4	86.3	65.7	20.6	68.3	62.8	0.598	68	146.1	59.7	98	7	98	7	E by N	...	...	78
March	29.934	0.128	80.2	89.6	72.5	17.1	73.4	70.3	0.736	71	145.9	68.9	152	12	152	12	S E	...	...	69
April	29.838	0.135	84.5	93.3	77.2	16.1	77.4	74.8	0.847	72	145.5	74.3	198	13	198	13	S E by S	...	...	73
May	29.721	0.122	88.2	100.4	81.5	18.9	78.8	75.9	0.862	65	148.9	79.7	220	15	220	15	S by E	0.26	1	61
June	29.691	0.118	86.9	98.7	80.5	18.2	77.1	73.8	0.801	63	141.3	78.5	184	19	184	19	S W by S	2.33	16	80
July	29.736	0.133	86.8	100.0	80.5	19.5	75.8	73.0	0.744	59	147.5	79.1	219	19	219	19	S W by S	2.60	12	37
August	29.738	0.127	83.1	93.6	77.5	16.1	76.2	73.1	0.811	72	140.0	75.9	160	18	160	18	S S W	5.08	12	31
September	29.781	0.129	82.2	92.3	76.1	16.2	76.0	73.1	0.815	74	142.4	74.3	128	20	128	20	S W	8.11	16	34
October	29.840	0.121	82.3	93.1	74.5	18.6	74.3	71.7	0.743	67	150.3	70.3	125	10	125	10	E S E	1.91	5	64
November	29.876	0.119	77.6	85.3	72.6	12.7	73.1	70.5	0.756	80	139.4	70.7	151	4	151	4	N E	15.40	14	38
December	29.953	0.116	75.6	82.7	71.0	11.7	70.9	68.4	0.604	78	131.7	68.7	217	2	217	2	N N E	7.83	12	28
Annual	29.846	0.124	81.5	91.6	74.8	16.8	74.1	71.0	0.750	70	143.6	72.0	170	12	170	12	S E	44.04	91	50

Madras Extreme Monthly Meteorological Records in 1881.

	Barometer				Dry Bulb Thermometer				Wet Bulb		Humidity		Sun Thermometer		Grass Thermometer		Wind				Rain		
	Highest		Lowest		Range		Highest		Lowest		Lowest		Highest		Lowest		Highest		Lowest		Greatest Fall		
	Inches	Day	Inches	Day	Inches	°	Day	°	Day	°	Day	Cents	Day	°	Day	°	Day	Miles	Day	Miles	Day	Inches	Day
January ...	30.136	15	29.906	12	0.230	86.4	7	60.4	31	58.6	27	41	28	149.3	29	55.2	27	306	15	72	3	0.42	12
February ..	30.196	7	29.875	28	0.321	88.5	18	61.6	10	58.3	10	41	8	153.5	18	55.1	10	198	8	46	22	...	...
March ...	30.046	20	29.787	5	0.259	92.9	15	64.5	1	63.4	3	39	2	150.5	19	60.4	1	211	17	63	2	...	...
April	29.986	7	29.655	28	0.331	100.1	28	73.8	2	71.9	2	37	29	149.1	27	70.8	2	281	10	111	7	...	...
May	29.880	11	29.506	23	0.374	112.9	21	74.9	25	70.8	25	32	30	159.2	21	72.0	25	286	19	143	3	0.26	25
June	29.806	14	29.510	1	0.296	103.9	6	75.1	9	68.1	16	37	3	152.6	19	74.0	9	258	16	81	23	1.18	9
July	29.858	29	29.589	3	0.269	104.3	15	73.5	31	70.2	16	26	15	156.9	4	72.2	31	287	6	158	31	1.01	21
August ...	29.869	30	29.582	2	0.287	100.2	20	73.8	7	69.8	2	39	3	152.1	20	73.0	27	249	2	70	30	2.35	7
September	29.901	17	29.618	10	0.283	97.9	27	70.6	18	69.4	18	39	25	157.4	15	70.9	2	184	12	93	23	3.95	18
October ...	30.000	26	29.640	5	0.360	96.7	11	68.8	28	66.3	28	36	29	158.9	29	63.4	24	235	25	63	15	0.64	2
November.	30.026	28	29.519	12	0.507	90.8	17	65.6	12	64.6	12	52	23	155.6	18	64.8	28	530	12	46	17	8.19	12
December.	30.106	17	29.811	9	0.295	85.6	5	65.9	24	64.5	24	48	5	145.3	7	62.6	24	323	29	100	25	1.80	30

Madras Meteorological Observations. 1882—January.

January 1882	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Snn	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.							
									Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.961	0.147	75.5	73.5	77.8	74.1	104.8	72.9	0.800	92	193	N N E	100	0.08	Overcast.
2	29.964	0.108	78.0	75.4	84.6	75.1	145.5	73.7	0.847	89	180	N E	73	0.19	Passing clouds : rain.
3	29.985	0.103	77.9	74.4	83.8	75.0	142.3	73.2	0.805	84	138	E N E	47	...	Fine with passing clouds.
4	29.986	0.126	77.0	73.5	84.3	72.2	142.1	69.7	0.780	84	107	East	33	...	Do.
5	29.976	0.128	77.7	74.1	84.2	72.4	137.1	69.8	0.796	84	78	SE by E	33	...	Do.
6	29.966	0.129	78.3	73.2	85.8	72.3	144.3	69.5	0.751	78	77	SE by E	23	...	Do.
7	30.041	0.112	78.3	73.9	85.9	72.0	144.9	68.9	0.780	81	88	E by S	33	...	Passing clouds.
8	30.055	0.122	76.6	72.4	84.7	71.7	136.9	68.8	0.741	82	86	N E	57	...	Do.
9	30.050	0.112	75.1	70.4	84.7	70.3	142.1	66.1	0.682	79	120	N E	40	...	Fine with passing clouds.
10	30.030	0.138	74.0	66.7	84.0	65.8	143.7	60.7	0.558	68	93	N E	17	...	Fine.
11	30.040	0.129	71.7	64.8	84.4	63.8	143.8	59.0	0.522	68	82	NE by N	23	...	Fine with passing clouds.
12	30.040	0.113	72.8	65.7	82.2	64.6	144.5	59.8	0.539	67	81	N N E	50	...	Do.
13	30.039	0.108	74.1	68.6	84.4	64.6	144.6	59.9	0.627	74	119	N by E	47	...	Passing clouds.
14	30.062	0.116	76.0	70.1	84.8	69.8	140.8	67.3	0.658	74	173	N N E	40	...	Do.
15	30.067	0.135	75.0	69.9	84.1	68.5	143.1	64.9	0.665	77	122	N N E	50	...	Do.
16	30.063	0.139	74.8	69.0	85.5	66.7	141.6	61.9	0.632	73	142	N N E	30	...	Fine with passing clouds.
17	30.031	0.136	74.5	69.5	85.9	67.3	145.5	62.8	0.656	77	121	N N E	30	...	Do.
18	30.078	0.107	76.6	68.7	85.2	68.3	140.5	64.0	0.596	66	194	N N E	23	...	Do.
19	30.122	0.101	76.4	68.0	85.1	70.2	142.3	63.9	0.573	62	279	N N E	30	...	Do.
20	30.107	0.123	75.4	66.1	84.6	67.1	142.6	61.7	0.518	60	237	N N E	47	...	Do.
21	30.049	0.110	73.6	67.6	84.1	64.3	143.8	59.3	0.597	72	140	N N E	20	...	Do.
22	30.025	0.108	75.6	67.1	85.2	66.0	141.3	61.7	0.551	62	163	N N E	20	...	Do.
23	30.010	0.132	75.8	67.9	85.1	69.0	143.5	65.9	0.578	61	171	N N E	27	...	Do.
24	30.003	0.122	73.8	66.5	86.4	65.0	141.5	59.6	0.554	68	124	N N E	30	...	Do.
25	29.989	0.115	72.5	67.3	84.8	63.4	141.1	57.1	0.600	76	81	NE by N	30	...	Do.
26	29.973	0.136	71.4	66.6	84.7	62.9	141.3	56.9	0.590	77	56	N E	47	...	Light passing clouds.
27	29.976	0.125	71.3	66.5	82.8	60.8	142.8	54.8	0.588	76	55	E N E	20	...	Fine with passing clouds.
28	30.017	0.107	71.9	66.1	84.6	60.9	141.2	54.9	0.565	72	67	E N E	10	...	Fine.
29	30.009	0.121	71.9	65.9	85.3	62.7	141.5	57.2	0.558	71	67	E by N	13	...	Do.
30	29.989	0.165	71.5	66.0	83.6	59.0	140.3	52.2	0.565	73	48	E N E	20	...	Do.
31	30.013	0.120	74.7	69.6	84.1	65.9	143.3	60.9	0.657	76	96	East	43	...	Fine with light clouds.
Mean	30.023	0.122	74.8	69.2	84.4	67.5	141.3	63.2	0.643	74	122	N E	36	0.27	

Madras Meteorological Observations. 1882—February.

February 1882	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	30.020	0.119	74.0	68.8	85.6	65.0	144.3	59.4	0.636	76	89	E by N	37	...	Light passing clouds.
2	29.980	0.122	71.8	66.1	84.9	62.6	142.8	55.2	0.566	73	59	E N E	10	...	Fine.
3	29.952	0.113	70.8	65.2	82.9	60.0	139.0	52.5	0.548	73	68	E by N	10	...	Do.
4	30.002	0.111	73.8	67.9	85.0	63.6	145.7	58.5	0.606	72	58	E by N	43	...	Fine with passing clouds.
5	30.030	0.119	75.4	68.5	86.2	65.3	145.7	61.1	0.605	69	112	NE by E	40	...	Do.
6	30.040	0.122	76.4	69.6	86.9	64.8	145.8	60.7	0.633	70	128	N E	23	...	Do.
7	30.012	0.119	75.3	69.7	87.5	65.6	144.8	61.4	0.653	75	105	NE by E	30	...	Do.
8	30.005	0.146	76.9	70.1	86.3	65.9	147.4	61.8	0.647	70	127	NE by E	40	...	Do.
9	29.990	0.147	75.9	70.0	86.5	67.6	141.2	63.9	0.655	73	91	NE by E	23	...	Do.
10	29.954	0.125	74.9	69.4	85.4	66.2	141.5	61.9	0.646	74	58	E by N	17	...	Fine.
11	29.883	0.151	74.6	68.6	84.9	64.9	141.0	60.1	0.620	72	91	S E	0	...	Do.
12	29.881	0.114	75.2	69.2	85.9	65.4	139.9	61.3	0.635	72	125	S E	3	...	Do.
13	29.912	0.120	75.5	70.1	84.0	67.1	141.3	63.6	0.665	75	138	SE by S	20	...	Fine with passing clouds.
14	29.902	0.148	75.9	70.2	85.0	67.1	140.2	63.3	0.663	74	125	SE by S	23	...	Do.
15	29.895	0.170	77.2	71.7	87.0	67.9	142.1	61.9	0.704	75	148	S S E	20	...	Fine.
16	29.889	0.147	78.7	72.7	87.7	71.4	144.7	68.1	0.724	74	137	SE by S	20	...	Fine with passing clouds.
17	29.918	0.105	76.8	71.3	87.0	71.0	145.1	67.9	0.694	75	118	SE by S	40	...	Light passing clouds.
18	29.921	0.104	76.8	71.7	88.5	68.7	145.4	64.9	0.710	77	126	SE by S	33	...	Fine with passing clouds.
19	29.922	0.127	78.0	73.3	90.4	69.1	145.7	65.9	0.758	79	100	S S E	37	...	Do.
20	29.923	0.122	79.1	73.5	89.0	72.4	143.3	70.0	0.752	76	138	SE by S	20	...	Do.
21	29.914	0.151	78.5	72.5	89.3	69.8	145.8	66.2	0.719	74	100	SE by E	27	...	Do.
22	29.945	0.138	77.5	70.4	87.6	69.3	143.4	65.9	0.650	69	84	East	23	...	Do.
23	29.956	0.126	79.0	72.0	87.9	69.6	141.5	66.9	0.692	70	121	E by N	20	...	Do.
24	29.973	0.139	79.1	72.3	89.3	70.5	146.1	67.9	0.703	71	135	E N E	40	...	Do.
25	29.997	0.114	78.7	72.1	89.2	70.0	145.3	67.0	0.701	72	141	N E	20	...	Do.
26	30.002	0.121	78.5	71.6	89.7	69.2	144.7	65.9	0.683	70	150	NE by N	27	...	Do.
27	29.957	0.159	78.1	72.0	88.4	69.0	149.9	66.3	0.705	74	98	E N E	33	...	Do.
28	29.957	0.143	78.8	72.3	88.2	70.4	142.5	66.3	0.707	72	117	E by S	23	...	Do.
Mean	29.955	0.130	76.5	70.5	87.0	67.5	143.8	63.5	0.667	73	110	E by S	25	Nil.	

Madras Meteorological Observations. 1882—March.

March 1882	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	30.001	0.134	78.9	71.5	88.0	69.4	141.5	65.6	0.673	68	107	E S E	20	...	Fine.
2	29.951	0.147	76.6	69.0	87.8	67.4	143.9	62.9	0.608	67	94	E S E	3	...	Do.
3	29.897	0.162	74.6	68.0	86.8	63.4	141.6	59.7	0.598	70	89	SE by E	3	...	Do.
4	29.905	0.128	75.2	68.9	86.4	64.6	140.6	60.7	0.626	71	100	SE by S	13	...	Fine with passing clouds.
5	30.000	0.111	77.5	70.0	88.3	66.9	147.4	63.0	0.634	67	110	SE by E	37	...	Passing clouds.
6	30.006	0.114	79.8	72.5	89.4	70.5	149.6	67.7	0.702	69	145	E by N	40	...	Fine with passing clouds.
7	29.968	0.131	78.6	72.3	90.2	70.7	150.1	67.9	0.710	72	101	NE by E	47	...	Do.
8	29.943	0.125	78.8	71.5	91.3	68.7	146.9	65.0	0.675	69	110	E S E	7	...	Fine.
9	29.965	0.125	78.1	71.5	88.2	67.7	145.4	63.9	0.685	72	137	S E	27	...	Fine with passing clouds.
10	29.955	0.141	76.9	68.5	88.3	68.2	142.6	63.9	0.585	63	96	SE by E	20	...	Fine.
11	30.004	0.112	76.8	68.1	87.6	64.9	142.6	61.2	0.571	61	125	S E	20	...	Do.
12	30.027	0.115	78.3	71.2	89.4	65.6	146.3	62.9	0.670	69	111	SE by E	20	...	Do.
13	30.023	0.139	78.9	72.0	91.0	69.1	144.4	66.4	0.693	70	74	E S E	30	...	Fine with passing clouds.
14	29.978	0.155	79.2	70.8	92.6	68.3	145.2	64.7	0.643	64	92	E S E	7	...	Fine.
15	29.968	0.125	78.6	72.8	92.8	69.7	145.2	66.7	0.730	74	100	SE by E	17	...	Do.
16	29.985	0.161	79.7	73.4	89.9	70.0	139.9	66.5	0.739	73	119	S E	30	...	Fine with passing clouds.
17	29.958	0.149	79.2	72.4	89.1	72.0	143.8	69.5	0.706	71	101	SE by E	40	...	Do.
18	29.934	0.165	79.6	72.7	91.0	68.3	144.3	64.1	0.712	70	125	S by E	40	...	Do.
19	29.907	0.163	80.7	74.7	89.8	71.1	141.1	68.5	0.780	74	155	S S E	43	...	Do.
20	29.902	0.121	81.5	75.3	89.4	74.0	140.4	71.1	0.795	74	165	S S E	60	...	Passing clouds.
21	29.891	0.124	81.7	75.6	89.9	74.6	140.6	71.0	0.805	75	179	S S E	47	...	Do.
22	29.856	0.155	81.7	75.0	90.6	72.5	144.9	71.8	0.779	73	166	S S E	37	...	Fine with passing clouds.
23	29.839	0.159	82.1	75.7	93.6	73.9	144.8	70.8	0.803	73	192	S S E	13	...	Fine.
24	29.775	0.141	82.9	76.2	95.1	76.1	144.0	74.7	0.814	72	228	S by E	10	...	Do.
25	29.777	0.131	83.9	76.3	93.5	77.2	140.9	75.8	0.806	70	242	S S E	10	...	Do.
26	29.810	0.150	84.9	77.6	96.3	78.3	147.3	76.8	0.849	71	268	S by E	7	...	Do.
27	29.820	0.165	85.6	79.1	93.9	80.3	142.5	79.4	0.907	74	266	S by E	13	...	Do.
28	29.832	0.123	84.9	78.2	92.4	80.7	143.6	80.0	0.876	73	278	S by E	37	...	Fine with passing clouds.
29	29.840	0.129	84.7	78.4	91.8	79.7	142.2	78.8	0.888	74	249	S S E	23	...	Fine with light clouds.
30	29.861	0.122	83.8	77.3	91.0	79.5	143.4	78.7	0.850	73	205	SE by S	33	...	Do.
31	29.872	0.153	81.7	74.9	89.9	74.1	140.3	70.8	0.775	72	148	S E	27	...	Fine with passing clouds.
Mean	29.918	0.138	80.2	73.3	90.5	71.5	143.9	68.7	0.732	71	151	S E	25	Nil.	

Madras Meteorological Observations. 1882—April.

April 1882	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather.
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.857	0.127	82.3	75.7	91.4	74.2	144.1	70.8	0.801	74	148	SE by S	23	...	Fine with passing clouds.
2	29.879	0.150	82.7	75.7	91.1	73.0	143.5	68.7	0.795	71	166	S S E	37	...	Do.
3	29.864	0.173	83.4	76.8	92.6	76.5	150.6	73.4	0.834	73	166	S by E	30	...	Fine with light clouds.
4	29.783	0.181	85.0	77.0	94.0	77.2	145.5	73.8	0.821	68	194	South	13	...	Do.
5	29.795	0.131	84.8	77.0	94.0	79.0	144.3	76.8	0.824	69	229	S by E	23	...	Do.
6	29.867	0.131	82.7	76.1	91.1	75.2	143.9	71.6	0.813	73	178	S S E	23	...	Fine.
7	29.879	0.135	82.3	74.4	91.5	73.3	143.7	70.2	0.745	67	142	SE by S	17	...	Do.
8	29.859	0.142	83.4	76.0	92.5	74.2	144.1	71.6	0.799	69	173	S S E	17	...	Do.
9	29.855	0.133	84.1	76.7	91.9	77.1	143.2	74.6	0.820	70	182	S S E	23	...	Fine with light clouds.
10	29.857	0.127	84.4	77.3	92.2	76.9	145.8	74.1	0.843	72	213	S S E	23	...	Do.
11	29.819	0.141	84.3	77.3	92.4	77.5	147.1	74.6	0.844	72	193	S S E	30	...	Fine with passing clouds.
12	29.818	0.123	85.3	77.6	93.0	78.9	148.9	76.4	0.844	70	181	SE by S	53	...	Passing clouds.
13	29.821	0.119	86.0	78.1	94.2	80.1	145.2	77.6	0.855	68	134	E S E	60	0.04	Cloudy.
14	29.830	0.114	86.0	78.4	92.6	81.6	140.9	80.0	0.871	70	92	S E	80	...	Do.
15	29.801	0.162	83.9	76.3	93.7	79.1	146.5	77.7	0.806	69	111	S by W	40	...	Fine with passing clouds.
16	29.768	0.131	83.4	76.3	91.2	73.5	142.2	69.7	0.813	71	162	S S E	27	...	Do.
17	29.773	0.162	84.2	77.2	93.7	76.0	143.6	73.1	0.840	72	179	S by E	27	...	Fine with light clouds.
18	29.766	0.130	85.4	77.5	92.8	80.2	146.2	78.9	0.838	68	216	S S E	37	...	Fine with passing clouds.
19	29.787	0.135	85.0	77.1	92.5	77.8	145.9	74.2	0.825	68	206	S S E	50	...	Hazy.
20	29.791	0.142	84.1	76.9	91.1	78.0	137.8	75.6	0.829	71	158	SE by S	67	...	Do.
21	29.745	0.151	84.3	76.8	92.1	76.6	139.6	73.9	0.822	70	171	S S E	50	...	Light passing clouds.
22	29.712	0.169	84.2	77.0	92.8	76.4	145.0	73.7	0.832	71	152	S E	27	...	Fine with passing clouds.
23	29.701	0.136	85.1	77.4	93.5	77.9	148.7	75.7	0.838	69	139	S E	37	...	Do.
24	29.733	0.136	86.7	79.3	94.9	81.1	145.4	78.5	0.902	70	120	SE by E	63	...	Cloudy: th. N. W.
25	29.737	0.148	87.6	76.7	97.6	81.3	147.6	80.9	0.772	59	125	S by W	62	...	Cloudy.
26	29.815	0.104	86.7	77.6	94.8	82.6	144.4	81.7	0.825	65	186	S S E	60	...	Do.
27	29.842	0.093	84.9	77.8	93.4	79.3	142.0	77.0	0.858	72	152	S S E	17	...	Fine.
28	29.836	0.144	83.6	76.5	92.2	76.4	141.6	73.3	0.818	71	153	S S E	13	...	Do.
29	29.826	0.145	84.6	76.4	93.0	76.7	142.6	73.7	0.800	67	171	S S E	13	...	Do.
30	29.834	0.111	84.5	76.5	93.7	76.0	141.6	73.0	0.806	68	162	S S E	13	...	Do.
Mean	29.808	0.138	84.5	76.9	92.9	77.5	144.4	74.8	0.824	70	165	S S E	35	0.04	

Madras Meteorological Observations. 1882—May.

May 1882	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.							
									Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.810	0.139	85.2	77.0	94.1	77.3	142.9	74.8	0.818	67	218	S S E	3	...	Fine.
2	29.752	0.147	86.4	77.4	97.0	80.8	148.2	79.4	0.819	65	298	S by E	3	...	Do.
3	29.724	0.159	86.9	78.0	97.6	80.6	147.3	79.1	0.839	65	301	Sonth	33	...	Fine with passing clouds.
4	29.744	0.143	89.2	78.6	98.3	82.6	147.5	81.7	0.836	61	260	South	20	...	Do.
5	29.755	0.130	89.2	77.6	104.9	82.9	150.9	82.1	0.792	58	238	S by W	20	...	Fine.
6	29.754	0.114	88.8	77.6	105.4	83.0	152.3	81.8	0.797	58	221	S by W	13	...	Do.
7	29.785	0.111	86.4	77.3	96.6	80.0	146.5	78.4	0.815	65	199	S by E	40	...	Fine with passing clouds.
8	29.823	0.140	87.4	79.2	95.0	82.0	147.1	80.8	0.888	68	317	S by E	17	...	Fine.
9	29.840	0.110	85.5	78.0	94.9	81.2	143.6	79.8	0.859	70	229	S S E	40	...	Fine with passing clouds : lg. S. W.
10	29.799	0.171	85.2	78.6	94.1	77.5	144.2	75.0	0.890	73	210	S by E	37	...	Fine with passing clouds.
11	29.825	0.131	86.8	74.8	96.4	81.4	145.4	79.8	0.701	55	211	S by E	43	...	Do.
12	29.816	0.136	86.0	77.7	94.6	78.9	143.4	76.6	0.810	67	172	S by E	27	...	Fine with light clouds.
13	29.739	0.149	87.4	78.8	100.9	81.8	148.7	80.8	0.870	67	249	South	50	...	Passing clouds.
14	29.738	0.207	85.3	77.2	99.0	79.3	147.5	77.3	0.826	68	183	South	57	...	Do.
15	29.766	0.143	87.5	77.8	96.6	81.8	148.7	80.8	0.823	63	157	S by E	40	...	Light passing clouds.
16	29.797	0.141	86.3	76.1	94.4	82.4	135.7	81.3	0.764	61	177	South	77	...	Cloudy.
17	29.754	0.169	85.1	76.1	93.9	79.2	145.3	77.4	0.780	64	138	S by E	47	...	Passing clouds.
18	29.710	0.147	83.3	76.4	91.4	79.3	138.7	77.8	0.817	71	125	S S E	77	...	Clondy.
19	29.700	0.116	83.9	77.9	92.3	78.9	141.0	77.0	0.876	75	107	S E	83	0.05	Do.
20	29.677	0.117	85.5	78.0	96.2	78.1	143.7	76.8	0.859	70	120	E by N	77	...	Do.
21	29.629	0.148	89.1	78.5	104.8	80.9	152.7	79.8	0.833	61	194	S S W	50	...	Passing clouds.
22	29.622	0.119	89.0	77.3	104.6	81.4	152.2	80.5	0.780	57	257	S W	47	...	Light passing clouds.
23	29.622	0.111	90.3	80.0	107.9	83.2	155.1	82.8	0.887	62	238	S by W	37	...	Fine with passing clouds.
24	29.660	0.119	89.9	78.0	105.0	82.9	149.7	81.8	0.799	56	242	S by W	50	...	Do.
25	29.682	0.106	89.8	78.9	104.8	82.1	150.5	81.4	0.841	61	248	S by W	40	...	Passing clouds.
26	29.683	0.096	88.4	79.1	100.2	82.9	149.3	82.1	0.870	65	249	Sonth	30	...	Fine with passing clouds.
27	29.734	0.133	85.0	77.5	93.9	82.8	148.3	82.0	0.844	70	162	SE by S	43	...	Do.
28	29.759	0.109	86.2	79.0	93.1	82.1	143.0	79.8	0.895	71	237	S S E	37	...	Do.
29	29.727	0.135	86.1	79.4	93.9	81.7	144.3	80.8	0.915	74	256	S by E	27	...	Do.
30	29.703	0.125	86.5	78.5	92.3	80.9	139.7	79.8	0.868	69	263	Sonth	17	...	Fine.
31	29.705	0.171	87.4	76.9	98.9	79.4	144.3	77.8	0.784	60	203	S by W	23	...	Fine with passing clouds.
Mean	29.737	0.135	86.9	77.8	97.8	80.9	146.4	79.6	0.833	65	215	S by E	39	0.05	

Madras Meteorological Observations. 1882—June.

June 1882	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cent	Miles	Points	Cents	Inches	
1	29.722	0.163	90.5	75.3	107.3	82.5	151.8	81.6	0.673	47	216	W by S	57	0.02	Cloudy : duststorm at 4 p.m. : th.
2	29.735	0.143	89.6	76.5	105.1	81.7	151.7	79.1	0.737	53	222	S W	63	0.01	Cloudy : lg.
3	29.729	0.147	86.3	75.1	103.8	78.1	147.6	75.0	0.721	58	172	W S W	77	0.42	Cloudy : th. and lg. N. and E. : rain.
4	29.688	0.152	89.9	74.1	103.6	76.9	151.4	75.5	0.631	44	245	W S W	37	...	Hot wind and passing clouds.
5	29.637	0.177	90.5	74.1	102.6	81.2	153.3	79.1	0.622	44	319	W S W	63	...	Cloudy.
6	29.569	0.198	91.3	74.8	102.0	84.3	151.0	82.7	0.641	44	321	SW by W	63	...	Passing clouds.
7	29.565	0.165	90.7	75.0	100.0	83.2	150.9	82.5	0.657	46	358	SW by W	80	...	Cloudy.
8	29.625	0.109	87.4	75.4	98.4	83.4	147.4	81.0	0.719	55	223	S W	77	0.05	Do.
9	29.630	0.136	89.0	74.6	97.3	83.5	130.3	82.5	0.663	48	306	SW by W	80	...	Do.
10	29.627	0.125	89.8	74.4	101.9	81.7	151.6	80.4	0.644	45	364	S W	70	...	Do.
11	29.633	0.106	90.2	74.6	100.3	83.9	150.6	82.5	0.649	46	376	W S W	80	...	Do.
12	29.622	0.134	89.7	73.8	99.8	83.0	146.6	81.7	0.620	44	408	W S W	77	...	Do.
13	29.653	0.125	89.5	73.1	98.3	83.4	146.6	82.3	0.595	43	365	W S W	80	...	Do.
14	29.639	0.190	92.0	73.9	102.9	83.0	153.1	80.7	0.595	40	392	W S W	73	...	Do.
15	29.648	0.138	89.6	74.7	102.7	85.3	154.9	84.4	0.660	47	361	W by S	57	0.02	Passing clouds.
16	29.664	0.157	92.0	73.6	103.1	83.3	149.1	82.6	0.583	39	318	West	57	...	Do.
17	29.671	0.137	87.6	73.8	104.1	83.5	153.0	82.0	0.649	49	273	S W	67	...	Cloudy.
18	29.716	0.099	87.6	74.5	99.5	83.9	153.9	83.1	0.679	52	217	S by W	63	...	Passing clouds.
19	29.743	0.099	87.7	75.0	101.8	81.2	147.1	79.8	0.698	54	195	South	43	...	Fine with passing clouds.
20	29.756	0.105	87.6	77.0	98.9	82.3	144.7	82.1	0.786	60	229	South	57	...	Passing clouds : lg. W
21	29.747	0.117	86.8	77.0	101.6	81.0	150.3	78.4	0.797	62	243	S by W	50	0.01	Passing clouds.
22	29.767	0.099	84.7	74.6	102.5	80.9	149.4	79.6	0.722	61	239	S by W	53	1.48	Light clouds : thunderstorm.
23	29.751	0.122	82.9	76.3	101.0	73.0	144.7	72.6	0.819	73	202	S by W	57	...	Passing clouds.
24	29.734	0.107	86.9	74.3	98.3	79.5	146.1	76.2	0.680	53	176	S by W	63	...	Light passing clouds.
25	29.754	0.128	89.0	76.1	99.9	80.6	144.3	78.6	0.727	53	170	S by W	69	...	Do.
26	29.757	0.123	88.0	76.9	97.6	81.9	145.0	80.2	0.776	59	186	S S E	47	...	Passing clouds.
27	29.774	0.154	85.2	76.3	95.1	80.5	125.5	78.6	0.787	64	115	W S W	87	...	Cloudy.
28	29.770	0.110	86.5	75.2	93.3	81.1	135.1	79.8	0.723	57	159	S W	60	...	Do.
29	29.776	0.111	82.7	74.6	92.1	76.1	143.0	75.2	0.749	67	142	S W	93	...	Do.
30	29.722	0.109	83.1	75.8	93.6	71.5	142.7	70.6	0.793	70	170	S W	87	1.99	Th-storm with heavy rain : cloudy day.
Mean	29.694	0.133	88.1	75.0	100.3	81.2	147.1	79.7	0.693	53	256	S W	66	4.00	

Madras Meteorological Observations. 1882—July.

July 1882	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deducted		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.713	0.120	82.0	74.1	85.5	76.9	100.1	75.6	0.737	67	217	W by S	100	0.09	Overcast.
2	29.688	0.127	80.6	74.4	86.8	76.3	116.2	74.6	0.769	73	132	W by N	100	...	Do.
3	29.681	0.126	82.0	74.8	90.1	77.8	110.8	77.9	0.766	70	212	W S W	97	0.12	Overcast : rain.
4	29.710	0.090	84.2	72.7	94.0	76.7	138.6	74.6	0.650	56	296	W by S	93	...	Cloudy.
5	29.703	0.129	83.4	72.9	91.0	80.5	125.0	79.6	0.669	59	263	SW by W	97	0.01	Overcast.
6	29.745	0.061	76.9	73.1	78.9	75.2	89.1	72.6	0.765	83	190	S S W	100	0.52	Overcast : rain.
7	29.771	0.122	77.5	72.8	82.5	74.0	105.8	71.8	0.745	79	235	S by W	100	0.15	Do. : do.
8	29.779	0.152	81.9	74.8	94.2	74.7	143.0	72.8	0.768	71	158	S W	80	0.58	Cloudy : th. lg. and rain.
9	29.753	0.172	82.9	76.4	95.1	76.5	143.1	75.3	0.823	73	188	SW by W	80	0.07	Cloudy.
10	29.765	0.110	83.3	74.3	98.9	77.3	136.2	75.8	0.728	63	158	W by S	80	0.09	Do.
11	29.755	0.105	82.9	74.7	86.2	78.2	120.9	76.9	0.750	66	146	S W	95	...	Do.
12	29.728	0.128	85.5	72.8	91.5	77.9	129.3	75.4	0.637	52	233	SW by W	93	...	Do.
13	29.675	0.170	84.2	73.4	96.2	79.4	140.7	78.4	0.679	58	207	W S W	83	0.08	Do.
14	29.687	0.144	84.9	73.7	97.0	77.2	141.1	75.5	0.682	57	204	SW by W	80	...	Cloudy : lg. W.
15	29.724	0.130	85.3	74.0	94.7	79.9	131.6	78.9	0.689	57	272	W S W	87	0.13	Cloudy : rain.
16	29.715	0.143	86.0	74.0	94.8	77.8	137.0	76.4	0.679	55	253	W S W	87	...	Cloudy.
17	29.687	0.137	86.9	73.4	94.1	78.6	136.2	76.5	0.642	50	214	SW by W	77	...	Do.
18	29.683	0.140	88.2	73.8	99.9	80.1	147.9	78.6	0.641	48	250	SW by W	67	...	Passing clouds.
19	29.704	0.119	84.7	73.3	97.3	80.3	139.0	78.8	0.667	57	264	W S W	77	0.06	Cloudy.
20	29.704	0.140	87.1	74.3	97.2	79.9	146.4	77.3	0.677	52	278	S W	80	...	Do.
21	29.691	0.144	88.5	74.2	99.2	80.5	149.4	78.7	0.654	48	297	W S W	67	...	Passing clouds.
22	29.665	0.121	84.5	75.3	100.0	79.8	150.9	78.1	0.754	64	266	SW by S	67	0.19	Cloudy with rain.
23	29.691	0.134	82.7	75.0	100.6	77.0	151.8	75.5	0.766	68	231	SW by S	73	0.51	Do.
24	29.727	0.128	82.7	76.2	97.6	75.8	150.0	74.7	0.817	73	210	S S W	57	...	Passing clouds.
25	29.747	0.129	82.0	74.9	98.0	77.9	150.2	76.5	0.771	71	242	SW by S	57	0.06	Do.
26	29.740	0.157	83.6	75.3	98.2	77.0	145.4	75.5	0.767	66	193	S S W	53	...	Do.
27	29.726	0.164	87.1	73.3	98.0	77.8	139.9	76.0	0.636	49	199	W by S	57	...	Do.
28	29.678	0.177	87.2	73.6	99.7	79.8	150.8	78.7	0.647	50	261	W S W	67	...	Do.
29	29.633	0.138	85.6	75.1	100.4	80.5	152.1	79.5	0.731	59	267	S W	70	...	Do.
30	29.636	0.129	84.2	75.5	97.8	80.8	148.1	80.5	0.766	65	238	S W	67	0.42	Cloudy with rain.
31	29.660	0.108	81.1	72.8	94.6	77.2	142.6	75.7	0.696	66	219	SW by W	83	0.19	Do.
Mean	29.709	0.132	83.9	74.2	94.4	78.0	135.8	76.5	0.715	62	226	SW by W	80	3.27	

Madras Meteorological Observations. 1882—August.

August 1882	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
	Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles				Points	Cents	Inches
1	29.659	0.161	82.5	74.7	96.7	77.8	150.1	77.7	0.756	68	218	S W	73	0.08	Cloudy.
2	29.695	0.139	83.1	74.3	98.1	76.6	151.8	74.7	0.731	64	231	SW by S	60	0.03	Passing clouds.
3	29.698	0.127	84.2	75.0	98.6	78.3	152.2	75.7	0.745	63	279	SW by S	53	...	Do.
4	29.714	0.127	88.0	75.3	99.2	81.2	150.8	80.2	0.707	54	229	S W	67	0.01	Do.
5	29.707	0.165	87.4	73.9	98.9	80.8	147.6	79.9	0.656	50	298	W S W	77	0.03	Cloudy.
6	29.719	0.148	87.4	73.8	98.4	79.9	144.3	78.7	0.652	50	244	W S W	77	...	Do.
7	29.729	0.134	86.6	73.6	98.3	81.8	155.3	80.7	0.655	52	260	W S W	97	0.19	Overcast : rain.
8	29.769	0.131	79.1	73.5	94.1	73.0	142.0	72.8	0.752	76	161	SW by S	77	0.22	Cloudy : rain.
9	29.707	0.161	81.8	75.1	95.9	74.8	152.0	73.4	0.782	73	177	S W	67	0.05	Passing clouds.
10	29.703	0.121	80.2	75.5	92.6	75.7	151.1	74.5	0.820	80	195	South	77	0.54	Cloudy : rain.
11	29.706	0.117	82.1	75.7	92.7	75.3	143.4	74.0	0.803	74	219	South	47	...	Fine with passing clouds.
12	29.728	0.124	85.9	74.1	98.9	79.1	152.8	77.8	0.685	55	244	W S W	67	0.11	Fine morning : cloudy day : rain.
13	29.762	0.119	85.6	74.9	94.2	78.4	143.8	76.9	0.722	59	193	W by S	87	...	Chiefly overcast.
14	29.774	0.123	85.2	74.5	95.8	78.9	144.8	78.0	0.713	59	207	N N W	73	...	Cloudy.
15	29.745	0.130	84.4	74.7	95.4	77.9	133.6	75.7	0.732	62	145	W by S	80	0.02	Do.
16	29.770	0.114	84.7	74.4	95.3	79.4	148.6	78.0	0.716	59	165	S by E	97	...	Do.
17	29.773	0.120	81.9	74.3	97.5	75.4	150.9	73.3	0.747	68	168	S by E	63	0.05	Passing clouds.
18	29.756	0.118	83.3	75.7	95.9	75.8	143.0	74.0	0.788	69	177	S S W	53	...	Fine with passing clouds.
19	29.758	0.111	82.4	75.5	97.0	74.8	141.0	73.7	0.790	71	171	S W	70	0.31	Passing clouds : rain.
20	29.764	0.155	79.6	74.9	91.4	70.7	142.3	69.8	0.804	80	127	S S W	87	0.51	Day overcast with rain : fine night.
21	29.767	0.158	83.2	76.8	93.6	76.3	145.0	74.8	0.836	73	163	South	37	...	Fine with passing clouds.
22	29.747	0.153	83.3	76.3	93.7	76.7	151.0	75.0	0.813	71	179	S S W	47	...	Passing clouds.
23	29.729	0.171	84.6	76.6	95.4	79.5	151.4	77.8	0.809	66	177	S by E	50	0.01	Fine with passing clouds.
24	29.735	0.107	82.4	75.5	90.4	75.6	144.1	74.6	0.790	71	197	South	50	...	Passing clouds.
25	29.744	0.138	84.2	76.7	93.6	77.1	152.1	75.8	0.819	70	185	SE by E	57	...	Do.
26	29.768	0.131	79.8	74.8	86.6	73.4	112.5	72.0	0.796	78	115	W S W	100	0.45	Thunderstorm : overcast.
27	29.784	0.118	81.3	75.5	93.9	75.9	149.0	74.4	0.806	75	109	SW by S	93	0.99	Cloudy : thunderstorm.
28	29.777	0.146	80.8	75.6	92.0	73.9	143.3	73.0	0.816	78	135	S S W	53	0.02	Passing clouds.
29	29.788	0.133	81.6	76.2	89.9	74.9	145.7	73.6	0.834	78	107	South	53	...	Do.
30	29.776	0.126	81.1	75.8	89.2	77.6	152.2	76.3	0.821	77	86	S by E	53	...	Do.
31	29.736	0.101	80.8	74.7	94.3	76.0	146.0	74.8	0.779	73	147	S S W	67	...	Cloudy : lg.
Mean	29.741	0.133	83.2	75.1	94.8	76.9	146.2	75.5	0.764	68	184	SW by S	68	3.62	

Madras Meteorological Observations. 1882—September.

September 1882	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
	Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles				Points	Cents	Inches
1	29.739	0.089	82.2	75.2	91.2	76.2	145.3	74.4	0.781	71	149	N W	73	...	Cloudy : th. and lg.
2	29.748	0.115	81.4	75.5	86.5	76.6	115.3	74.9	0.810	75	105	W by S	93	0.08	Overcast : lg.
3	29.764	0.127	78.5	73.6	87.3	74.0	133.6	72.6	0.763	78	214	SW by W	97	0.61	Overcast : rain.
4	29.741	0.153	80.6	74.1	90.6	75.7	144.6	73.9	0.756	72	180	W by S	80	0.03	Cloudy.
5	29.687	0.137	83.9	74.3	92.2	76.8	150.5	74.6	0.720	62	180	W S W	70	...	Cloudy : lg.
6	29.664	0.133	84.3	74.7	94.8	78.0	141.4	76.4	0.732	62	218	SW by W	83	0.01	Cloudy : th. and lg.
7	29.686.	0.113	83.7	75.3	94.9	77.4	145.8	75.6	0.765	65	199	W S W	87	...	Cloudy.
8	29.712	0.137	84.4	75.0	92.6	78.3	127.4	76.6	0.742	62	220	S W	87	...	Do.
9	29.700	0.140	86.8	75.3	97.4	79.0	146.9	77.8	0.723	57	259	SW by W	53	...	Passing clouds.
10	29.700	0.154	85.9	74.9	97.4	77.4	147.9	75.7	0.718	58	262	S W	60	...	Do.
11	29.721	0.142	87.6	75.3	98.5	80.3	151.4	72.2	0.712	54	250	S W	50	...	Do.
12	29.766	0.133	87.0	76.1	99.5	78.8	147.4	77.6	0.754	59	245	S W	50	0.02	Fine day : cloudy night.
13	29.810	0.134	84.6	74.5	97.0	77.8	155.1	75.6	0.719	60	148	S by W	60	...	Passing clouds.
14	29.792	0.127	83.9	75.4	90.3	80.6	122.4	79.6	0.767	65	129	W by S	93	...	Cloudy.
15	29.773	0.129	84.0	75.0	96.5	79.4	149.4	77.4	0.748	64	134	S S W	80	0.28	Cloudy : rain.
16	29.765	0.139	83.3	75.6	98.4	75.7	150.4	74.8	0.784	69	165	South	73	0.03	Cloudy.
17	29.756	0.126	84.9	76.2	95.6	78.3	153.4	76.2	0.787	66	145	S S E	30	...	Fine with passing clouds.
18	29.764	0.131	83.7	77.2	96.4	77.9	153.5	77.0	0.847	73	140	South	50	...	Passing clouds.
19	29.790	0.123	83.1	75.7	96.0	76.4	145.6	75.6	0.789	70	156	South	80	...	Cloudy.
20	29.803	0.158	83.7	75.6	97.1	75.1	152.6	73.3	0.778	68	141	South	50	...	Passing clouds : th. and lg.
21	29.815	0.103	84.2	76.8	94.6	76.4	148.0	73.8	0.823	71	113	S E	40	...	Fine with passing clouds.
22	29.830	0.120	83.9	76.5	94.0	75.9	153.6	73.8	0.814	69	120	S S E	67	...	Cloudy : lg.
23	29.838	0.164	81.5	74.7	92.6	77.0	148.1	76.1	0.769	72	162	South	63	...	Passing clouds.
24	29.821	0.142	84.0	75.6	99.4	76.9	154.0	75.9	0.773	66	163	S by E	43	...	Do.
25	29.796	0.133	84.7	77.5	97.1	79.4	149.4	77.8	0.848	72	148	S by W	60	...	Do.
26	29.752	0.154	82.7	75.8	97.3	78.2	160.5	76.9	0.799	71	144	SW by S	53	0.24	Passing clouds : rain.
27	29.757	0.121	81.5	75.1	89.7	76.7	120.4	75.6	0.786	73	128	West	100	...	Overcast.
28	29.766	0.087	82.6	76.1	93.3	77.2	134.2	75.4	0.814	73	106	NW by W	87	0.03	Cloudy.
29	29.747	0.153	82.4	75.5	95.7	78.2	145.6	76.6	0.791	72	113	West	83	0.09	Do.
30	29.701	0.141	84.8	77.6	97.0	78.7	152.4	76.2	0.851	72	180	S by W	70	0.45	Cloudy : th. and lg. : rain.
Mean	29.757	0.132	83.7	75.5	94.7	77.5	144.9	75.7	0.775	67	167	SW by S	69	1.87	

Madras Meteorological Observations. 1882—October.

October 1882	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.705	0.127	80.4	76.0	97.6	77.9	148.3	76.7	0.839	80	168	S S W	77	0.27	Cloudy : th. lg., and rain.
2	29.727	0.121	79.6	74.1	90.8	74.8	137.7	73.7	0.770	76	124	West	100	0.09	Overcast : th. and lg.
3	29.758	0.106	83.8	74.2	94.6	76.9	155.6	75.7	0.718	62	245	W S W	93	...	Cloudy.
4	29.774	0.137	83.5	75.0	96.5	77.3	152.5	75.7	0.755	65	166	S by W	67	...	Cloudy day : fine night
5	29.787	0.144	84.3	76.5	96.6	76.4	150.8	74.7	0.809	69	115	S by W	43	...	Passing clouds.
6	29.787	0.121	82.7	75.1	93.9	76.8	150.9	75.1	0.770	69	102	West	67	0.03	Cloudy : lg. N. and W.
7	29.822	0.113	83.3	76.4	92.8	78.2	154.7	76.1	0.817	71	99	N by W	43	...	Fine with passing clouds.
8	29.855	0.113	82.1	75.8	88.7	76.6	121.1	75.7	0.808	74	62	N by E	97	...	Cloudy.
9	29.826	0.111	83.3	75.8	90.7	76.9	118.1	75.3	0.792	69	82	N N E	93	...	Do.
10	29.773	0.128	80.8	75.8	86.4	77.8	112.9	75.7	0.825	78	106	N N W	93	0.03	Cloudy : th. and lg. N. and S.
11	29.744	0.111	77.0	74.2	82.6	73.8	120.8	72.8	0.809	87	166	N N W	100	0.06	Overcast.
12	29.756	0.120	74.8	73.1	77.6	74.3	96.1	72.7	0.798	91	142	N N W	100	1.49	Overcast : rain.
13	29.790	0.134	78.7	74.8	83.6	73.6	113.3	72.7	0.810	83	78	North	93	...	Cloudy : lg. S.
14	29.740	0.136	80.5	75.1	92.7	75.0	143.2	73.8	0.799	77	132	S by E	77	1.26	Cloudy : thunderstorm.
15	29.740	0.143	81.0	76.5	88.2	73.6	129.7	72.7	0.853	81	126	SW by W	97	0.78	Overcast : rain.
16	29.755	0.121	80.6	76.2	92.9	74.9	142.7	74.2	0.845	80	152	S by W	57	...	Passing clouds.
17	29.799	0.112	82.5	77.0	93.5	75.5	149.5	73.7	0.855	77	101	S S E	47	...	Do.
18	29.832	0.117	82.0	77.0	91.1	76.1	154.0	74.3	0.862	79	70	NE by E	43	...	Do.
19	29.822	0.159	78.5	76.0	86.1	76.7	136.4	75.2	0.865	89	36	East	83	0.19	Cloudy : rain.
20	29.845	0.124	80.6	76.3	88.7	75.5	147.3	72.0	0.850	81	80	E by N	57	...	Passing clouds.
21	29.849	0.131	79.6	75.7	87.3	73.3	144.7	72.9	0.838	82	102	E by S	60	0.59	Cloudy : rain.
22	29.836	0.146	77.4	73.1	86.5	70.0	136.1	69.7	0.758	81	144	N N E	63	2.31	Do. : do.
23	29.831	0.111	79.2	74.4	85.2	74.6	131.1	72.9	0.788	80	161	NE by N	67	...	Cloudy.
24	29.862	0.120	78.3	71.9	86.5	71.5	145.6	68.7	0.698	72	135	N N E	37	...	Fine with passing clouds.
25	29.857	0.130	77.3	71.8	87.0	70.6	147.5	67.9	0.707	75	131	N by E	37	...	Do.
26	29.860	0.135	77.5	71.5	86.9	71.1	149.4	68.9	0.693	74	183	N by E	53	...	Passing clouds.
27	29.814	0.118	78.4	70.9	86.8	70.1	148.7	67.9	0.657	68	167	North	70	...	Cloudy.
28	29.801	0.126	75.3	69.5	82.6	72.1	125.9	70.9	0.644	74	162	N by W	100	0.07	Overcast.
29	29.794	0.106	73.3	70.8	75.2	70.1	88.2	68.7	0.722	88	231	N by W	100	0.25	Overcast : rain.
30	29.757	0.109	77.6	73.4	83.7	72.2	121.7	70.7	0.768	82	121	NW by N	100	0.05	Overcast.
31	29.754	0.122	80.6	75.5	90.0	75.3	143.7	74.5	0.816	78	116	W S W	83	0.20	Cloudy : rain
Mean	29.795	0.124	79.8	74.5	88.5	74.5	136.1	73.0	0.785	77	129	NW by N	74	7.67	

Madras Meteorological Observations. 1882—November.

November 1882	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.781	0.114	80.6	75.7	91.8	74.3	143.0	72.6	0.823	78	132	S by W	30	...	Fine with passing clouds.
2	29.825	0.116	81.0	75.5	90.4	75.2	146.0	73.4	0.810	77	142	S S E	40	...	Fine with passing clouds : lg.
3	29.839	0.140	82.4	76.6	91.7	76.2	147.9	73.5	0.839	76	133	S by E	47	...	Fine with passing clouds.
4	29.850	0.090	79.1	74.5	90.3	77.8	146.7	76.2	0.794	80	129	SE by S	60	0.02	Passing clouds : lg.
5	29.825	0.145	77.7	73.9	85.4	73.4	147.9	72.0	0.787	83	99	S S W	60	2.66	Thunderstorm : light clouds.
6	29.853	0.134	80.1	75.3	87.7	73.2	148.6	71.9	0.814	79	103	S by E	50	...	Passing clouds.
7	29.874	0.130	81.2	76.4	87.2	75.7	141.5	73.4	0.846	79	114	E N E	50	0.09	Fine with passing clouds.
8	29.872	0.114	81.4	75.6	88.1	75.1	151.9	73.2	0.809	76	101	NE by E	30	0.04	Do.
9	29.865	0.123	80.2	75.6	88.6	74.8	146.5	72.6	0.825	80	120	NE by N	40	...	Fine with passing clouds : lg. W.
10	29.892	0.116	79.7	75.8	88.8	75.7	157.7	73.6	0.841	82	119	NE by N	33	...	Fine with passing clouds.
11	29.927	0.111	79.1	74.5	88.1	74.6	151.0	72.9	0.794	80	125	NE by E	50	0.13	Passing clouds.
12	29.926	0.125	79.2	73.4	85.9	74.9	150.4	72.7	0.745	75	140	N by E	73	...	Cloudy.
13	29.897	0.112	79.0	72.7	87.5	69.9	147.3	67.1	0.720	72	194	N by E	37	...	Fine with passing clouds.
14	29.912	0.121	80.0	72.4	86.9	73.5	144.0	71.1	0.695	68	272	N by E	53	...	Passing clouds : lg. N. W.
15	29.949	0.083	74.7	73.2	76.7	73.1	79.9	72.6	0.799	93	143	NE by E	100	2.75	Overcast.
16	29.987	0.055	73.9	72.4	77.0	72.1	80.2	70.6	0.777	93	117	N E	100	2.32	Do.
17	29.967	0.089	78.2	74.2	85.0	72.2	140.5	70.7	0.793	82	220	N E	75	1.23	Cloudy.
18	29.961	0.114	77.5	72.9	84.4	73.1	141.8	71.6	0.749	79	210	NE by N	63	0.50	Passing clouds.
19	29.967	0.087	77.6	72.4	84.5	72.0	140.4	69.2	0.727	77	209	N N E	57	...	Do.
20	29.966	0.104	76.2	72.4	83.7	72.7	140.4	71.0	0.746	84	246	N by E	80	0.37	Cloudy.
21	29.912	0.117	76.2	73.1	81.2	72.6	115.0	71.6	0.775	86	242	N by E	97	1.62	Overcast.
22	29.823	0.132	75.8	71.3	79.5	72.4	115.3	71.2	0.708	80	333	North	83	0.18	Cloudy.
23	29.745	0.144	68.6	67.4	76.1	65.3	78.2	65.1	0.656	94	260	North	100	5.60	Overcast : continuous rain.
24	29.626	0.153	77.9	75.5	84.3	73.9	123.4	73.3	0.851	89	343	East	97	0.54	Overcast with light showers.
25	29.750	0.086	78.5	73.7	83.2	71.9	139.1	69.2	0.766	78	192	S S E	57	1.04	Passing clouds.
26	29.793	0.107	78.1	74.9	82.3	74.2	132.0	73.0	0.823	86	176	S by E	73	1.81	Passing clouds : th.
27	29.863	0.121	80.3	75.8	85.5	76.9	140.8	74.6	0.832	80	153	SE by E	57	0.03	Passing clouds.
28	29.920	0.085	78.7	75.3	85.4	75.4	136.4	74.1	0.832	85	108	E by N	80	0.62	Cloudy.
29	29.726	0.190	73.8	72.8	75.3	70.8	80.5	70.4	0.793	95	262	N W W	100	7.38	Overcast : very heavy rain.
30	29.741	0.104	77.3	73.0	85.1	72.0	140.8	71.6	0.755	81	297	S W	70	0.32	Cloudy : th. lg. & rain.
Mean	29.861	0.115	78.1	73.9	84.9	73.5	133.2	71.9	0.784	82	181	E by N	65	29.25	

Madras Meteorological Observations. 1882—December.

December 1882	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hnm- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.798	0.094	78.6	72.6	85.3	74.9	137.8	73.0	0.722	74	195	W N W	40	...	Fine with passing clouds.
2	29.860	0.123	77.9	72.0	85.6	71.2	136.5	68.2	0.707	74	142	N N W	23	...	Do.
3	29.905	0.105	75.7	69.5	82.4	71.0	136.8	67.4	0.639	72	164	North	0	...	Clear.
4	29.944	0.094	74.6	68.7	82.2	69.1	138.8	63.8	0.623	72	148	North	7	...	Fine.
5	29.939	0.140	73.9	66.1	81.1	68.9	135.3	66.2	0.538	65	147	North	27	...	Fine with passing clouds.
6	29.901	0.096	71.7	64.8	78.4	67.7	111.1	63.8	0.522	67	213	NW by N	80	...	Cloudy.
7	29.923	0.110	76.9	72.8	85.8	69.9	141.9	69.2	0.752	82	158	N by E	47	...	Fine with passing clouds.
8	29.960	0.114	76.4	73.1	82.5	73.2	135.0	72.1	0.772	85	191	NE by N	60	0.02	Passing clouds.
9	29.965	0.119	73.2	68.6	83.1	70.1	144.8	67.3	0.639	79	153	NE by N	43	...	Fine with passing clouds.
10	29.932	0.119	71.2	66.8	82.8	64.0	148.9	58.8	0.599	78	99	NE by N	30	...	Do.
11	29.934	0.111	71.5	66.6	83.2	63.1	141.3	57.6	0.589	76	80	N N E	10	...	Fine.
12	29.953	0.102	71.4	67.1	82.6	63.4	137.8	57.9	0.608	79	73	NE by E	17	...	Do.
13	29.953	0.119	71.8	67.5	82.5	64.1	138.6	58.6	0.618	80	86	E N E	10	...	Do.
14	29.918	0.128	72.2	67.6	83.9	64.3	139.8	59.1	0.616	78	82	N E	10	...	Do.
15	29.938	0.111	73.7	67.6	83.7	64.3	139.4	59.2	0.595	72	132	NE by N	27	...	Fine with passing clouds.
16	29.993	0.113	75.3	69.8	83.4	67.8	139.7	64.3	0.656	75	161	N N E	47	...	Passing clouds.
17	30.012	0.121	75.7	69.2	84.4	69.0	146.4	65.8	0.628	71	204	N N E	50	...	Do.
18	30.041	0.111	76.5	69.3	84.3	67.8	141.2	64.0	0.621	69	200	NE by N	50	...	Do.
19	30.054	0.116	76.6	68.9	85.0	70.2	138.6	66.0	0.605	67	270	N E	37	...	Fine with passing clouds.
20	30.034	0.130	76.7	70.3	84.4	69.4	151.5	66.8	0.656	71	231	N N E	57	...	Passing clouds.
21	30.022	0.099	76.4	72.4	82.7	72.7	137.0	71.8	0.743	82	212	N N E	60	0.02	Do.
22	30.026	0.118	77.9	72.4	85.4	73.9	145.3	72.3	0.723	75	216	NE by N	47	...	Do.
23	30.019	0.123	77.0	70.2	84.2	70.1	141.8	67.8	0.648	70	238	NE by N	43	...	Fine with passing clouds.
24	30.010	0.111	76.5	70.2	84.2	71.3	146.0	68.8	0.655	72	249	NE by N	60	...	Passing clouds.
25	29.984	0.125	76.7	71.6	82.6	72.9	137.1	72.8	0.708	78	315	N N E	70	...	Cloudy.
26	29.996	0.089	76.0	71.1	79.9	71.0	103.8	70.2	0.697	77	290	N N E	97	...	Do.
27	29.972	0.078	76.8	69.9	80.5	75.9	100.8	74.8	0.639	69	304	N E	100	0.12	Overcast with light rain.
28	29.988	0.084	75.9	70.4	83.3	73.3	141.0	72.8	0.671	75	320	N N E	83	...	Cloudy.
29	30.001	0.099	74.3	68.7	80.8	70.9	137.4	69.8	0.628	74	227	N N E	63	...	Passing clouds.
30	30.023	0.097	74.3	68.3	83.0	67.1	142.1	65.8	0.613	72	207	N N E	40	...	Fine with passing clouds.
31	30.028	0.112	75.0	68.6	82.9	67.3	139.8	64.4	0.614	71	194	N N E	30	...	Do.
Mean	29.969	0.110	75.1	69.4	83.1	69.3	137.3	66.5	0.647	74	190	N N E	44	0.16	

Madras Mean Monthly and Annual Meteorological Results in 1882.

	Barometer		Dry Bulb Thermometer				Wet Bulb		Tension of Vapour	Relative Humidity	Sun		Minimum on Grass	Wind		Rain		Clear Sky
	Reduced to 32°	Daily Range	Mean	Max.	Min.	Range	Mean	Min.	By Blandford's Tables	Cents	°	°	Miles	Points	Mean Direction	Amount	Days	
Inches	Inches	°	°	°	°	°	°	°	Inches					Points		Inches	No.	Cents
January.....	30.023	0.122	74.8	84.4	67.5	16.9	69.2	65.6	0.643	74	141.3	63.2	122	4	N E	0.27	2	64
February.....	29.955	0.130	76.5	87.0	67.5	19.5	70.5	66.1	0.667	73	143.8	63.5	110	9	E by S	...	...	75
March.....	29.918	0.138	80.2	90.5	71.5	19.0	73.3	69.6	0.732	71	143.9	68.7	151	12	S E	...	...	75
April.....	29.808	0.138	84.5	92.9	77.5	15.4	76.9	74.5	0.824	70	144.4	74.8	165	14	S S E	0.04	1	65
May.....	29.737	0.135	86.9	97.8	80.9	16.9	77.8	75.4	0.833	65	146.4	79.6	215	15	S by E	0.05	1	61
June.....	29.694	0.133	88.1	100.3	81.2	19.1	75.0	72.9	0.693	53	147.1	79.7	256	20	S W	4.00	8	34
July.....	29.709	0.132	83.9	94.4	78.0	16.4	74.2	71.8	0.715	62	135.8	76.5	226	21	S W by W	3.27	16	20
August.....	29.741	0.133	83.2	94.8	76.9	17.9	75.1	72.1	0.764	68	146.2	75.5	184	19	S W by S	3.62	17	32
September.....	29.757	0.132	83.7	94.7	77.5	17.2	75.5	72.8	0.775	67	144.9	75.7	167	19	S W by S	1.87	11	31
October.....	29.795	0.124	79.8	88.5	74.5	14.0	74.5	72.0	0.785	77	136.1	73.0	129	29	N W by N	7.67	15	26
November.....	29.861	0.115	78.1	84.9	73.5	11.4	73.9	71.5	0.784	82	133.2	71.9	181	7	E by N	29.25	20	35
December.....	29.969	0.110	75.1	83.1	69.3	13.8	69.4	66.8	0.647	74	137.3	66.5	190	2	N N E	0.16	3	56
Annual.....	29.831	0.129	81.2	91.1	74.7	16.5	73.8	70.9	0.739	70	141.7	72.4	175	14	S S E	50.20	94	48

Madras Extreme Monthly Meteorological Records in 1882.

	Barometer				Dry Bulb Thermometer				Wet Bulb		Humidity		Sun Thermometer		Grass Thermometer		Wind				Rain	
	Highest		Lowest		Range		Lowest		Lowest		Lowest		Highest		Lowest		Highest		Lowest		Greatest Fall	
	Inches	Day	Inches	Day	Inches	Day	°	Day	°	Day	Cents	Day	°	Day	°	Day	Miles	Day	Miles	Day	Inches	Day
January ...	30.180	20	29.892	1	288		86.4	24	59.0	30	33	24	146.3	30	52.2	30	279	19	48	30	0.19	2
February ..	30.095	6	29.819	11	276		90.4	19	60.0	3	53	2	149.9	27	52.5	3	150	26	58	10	...	...
March	30.093	13	29.701	25	392		96.3	26	63.4	3	41	11	150.1	7	59.7	3	278	28	74	13	...	...
April	29.958	3	29.623	23	335		97.6	25	73.0	2	45	25	150.6	3	68.7	2	229	5	92	14	0.04	13
May	29.898	9	29.548	22	350		107.9	23	77.3	1	34	6	155.1	23	74.8	1	317	8	107	19	0.05	19
June	29.838	27	29.467	6	371		107.3	1	71.5	30	26	10	154.9	15	70.6	30	408	12	115	27	1.99	30
July	29.835	8	29.559	30	276		100.6	23	74.0	7	32	21	152.1	29	71.8	7	297	21	132	2	0.58	8
August	29.843	21	29.569	1	274		99.2	4	70.7	20	34	5	155.3	7	69.8	20	298	5	86	30	0.90	27
September	29.912	23	29.596	6	316		99.5	12	74.0	3	37	9	160.5	26	72.2	11	262	10	105	2	0.61	3
October	29.922	26	29.635	1	287		97.6	1	70.0	22	43	3	155.6	3	67.9	27	245	3	36	19	2.31	22
November.	30.022	16	29.560	24	462		91.8	1	65.3	23	58	14	157.7	10	65.1	23	343	24	99	5	7.38	29
December.	30.107	20	29.743	1	364		85.8	7	63.1	11	46	5	151.5	20	57.6	11	320	28	73	12	0.12	27

Madras Meteorological Observations. 1883—January.

January 1883	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	30.037	0.112	73.6	68.2	83.3	67.2	141.5	63.6	0.619	74	147	NE by N	50	...	Passing clouds.
2	30.070	0.110	74.6	68.1	84.8	67.0	141.7	62.2	0.601	70	145	NE by N	40	...	Fine with passing clouds.
3	30.101	0.108	75.1	68.2	83.6	65.8	141.9	60.6	0.598	68	171	NE by N	40	...	Do.
4	30.134	0.128	74.6	68.1	84.2	66.8	145.3	63.4	0.601	70	192	NE by N	32	...	Do.
5	30.100	0.129	74.6	67.5	83.5	65.9	143.3	61.1	0.580	68	191	N N E	40	...	Do.
6	30.051	0.127	75.4	68.0	83.4	67.6	143.6	63.9	0.585	66	212	NE by N	43	...	Do.
7	30.038	0.133	73.9	68.0	83.5	67.2	141.9	63.8	0.605	72	180	NE by N	37	...	Do.
8	30.060	0.123	74.7	69.0	85.3	64.2	140.7	58.7	0.634	73	161	NE by N	40	...	Fine with passing clouds.
9	30.038	0.106	76.4	70.5	82.3	71.6	131.0	67.9	0.666	73	192	NE by E	58	0.08	Passing clouds.
10	30.032	0.131	75.5	69.3	85.3	67.4	142.0	63.0	0.634	72	193	N E	65	...	Do.
11	30.047	0.114	74.3	69.1	85.2	68.4	146.2	64.6	0.644	75	177	NE by N	65	...	Do.
12	30.020	0.120	76.3	69.2	84.9	69.2	140.9	68.2	0.620	69	227	N E	42	0.01	Fine with passing clouds.
13	30.010	0.105	76.0	69.0	84.6	67.9	145.3	63.6	0.616	69	236	N E	58	...	Light passing clouds.
14	30.003	0.114	76.4	68.3	83.9	70.3	139.0	67.5	0.585	64	228	N E	47	...	Do.
15	30.016	0.129	74.4	66.9	83.8	65.2	140.6	60.0	0.561	66	164	NE by E	48	...	Passing clouds.
16	29.986	0.121	71.9	65.9	83.2	64.8	136.1	60.7	0.558	71	113	NE by N	55	...	Do.
17	29.962	0.110	74.0	67.5	84.8	64.5	141.8	60.2	0.588	70	179	NE by N	42	...	Fine with passing clouds.
18	29.969	0.127	75.4	68.0	84.2	68.3	142.5	65.6	0.587	66	203	N E	50	...	Passing clouds.
19	29.973	0.106	77.8	68.6	85.5	73.1	144.4	71.0	0.577	61	287	NE by E	43	...	Fine with passing clouds.
20	29.980	0.098	76.8	68.1	84.9	73.1	145.0	71.8	0.572	62	311	N E	45	...	Do.
21	29.948	0.125	76.0	69.7	84.5	67.3	144.3	64.0	0.613	72	168	N E	57	...	Passing clouds.
22	29.954	0.142	77.1	72.2	85.9	69.8	139.4	67.8	0.725	77	166	NE by N	60	...	Do.
23	29.917	0.151	75.8	72.0	85.3	70.4	142.1	68.8	0.735	84	91	E N E	65	0.15	Cloudy with rain.
24	29.901	0.140	76.1	70.7	84.0	69.4	140.4	66.7	0.680	75	99	E S E	43	...	Fine with passing clouds.
25	29.932	0.125	74.6	69.2	83.2	67.4	143.2	63.8	0.612	74	82	SE by E	42	...	Do.
26	29.955	0.122	75.2	70.2	85.9	65.3	142.3	60.9	0.673	77	91	E S E	42	...	Do.
27	29.901	0.174	75.9	71.2	86.7	67.4	149.9	64.0	0.702	78	102	SE by E	38	...	Do.
28	29.893	0.107	77.1	72.1	87.3	69.4	146.3	65.5	0.722	77	125	E by S	50	...	Do.
29	29.915	0.147	78.9	72.5	87.5	70.6	146.7	67.7	0.714	72	156	E N E	30	...	Do.
30	29.882	0.145	77.5	71.8	86.6	69.1	142.9	65.4	0.704	75	120	E by N	33	...	Do.
31	29.860	0.120	77.8	71.7	84.2	70.2	140.9	67.0	0.697	74	134	E by S	37	...	Do.
Mean	29.990	0.124	75.6	69.3	84.7	68.1	142.4	64.6	0.634	71	169	NE by E	46	0.24	

Madras Meteorological Observations, 1883—February.

February 1883	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather		
	Mean	Range			Dry		Sun	Grass									
			Dry	Wet	Max.	Min.			Max.	Min.	Vapour Tension	Hum- idity				Daily Velo- city	Mean Direc- tion
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches			
1	29.858	0.089	75.5	70.2	85.3	67.9	140.8	63.5	0.660	76	80	E by S	45	...	Fine with passing clouds.		
2	29.886	0.081	77.9	71.9	86.3	70.6	141.4	67.5	0.705	74	200	NE by E	47	...	Do.		
3	29.911	0.124	78.0	72.2	84.4	75.0	133.9	72.5	0.713	74	298	N E	73	...	Cloudy.		
4	29.915	0.139	78.6	72.7	87.6	74.9	151.8	71.5	0.725	74	292	N E	70	0.07	Do.		
5	29.962	0.121	78.3	72.2	86.2	72.5	145.1	69.5	0.710	74	221	NE by E	42	...	Fine with passing clouds.		
6	29.979	0.123	76.9	70.1	86.9	67.3	144.8	62.5	0.646	70	143	E N E	47	...	Do.		
7	30.007	0.122	76.2	68.1	84.8	66.0	143.9	62.6	0.580	64	115	East	35	...	Do.		
8	29.988	0.135	75.4	68.1	85.3	65.2	143.3	60.6	0.590	67	92	E by S	28	...	Do.		
9	29.964	0.139	74.3	67.6	85.2	64.4	142.9	60.5	0.587	69	86	E S E	20	...	Do.		
10	30.024	0.129	74.0	66.9	86.3	64.3	144.8	59.9	0.567	68	120	E by N	30	...	Do.		
11	30.006	0.134	73.7	66.1	86.3	63.5	148.2	58.5	0.541	65	106	NE by E	33	...	Do.		
12	29.971	0.150	74.5	68.7	86.9	62.8	144.6	57.5	0.626	73	104	E N E	12	...	Fine.		
13	29.976	0.138	75.5	70.2	86.9	66.4	144.9	61.4	0.660	76	81	E S E	28	...	Fine with passing clouds.		
14	30.000	0.138	74.2	69.0	84.8	63.7	142.7	57.7	0.640	76	86	S E	17	...	Do.		
15	29.976	0.133	75.6	71.4	88.7	66.0	146.2	59.4	0.714	81	91	S S E	0	...	Clear.		
16	29.949	0.137	77.6	71.5	90.3	66.9	146.8	62.4	0.691	74	127	S S E	0	...	Do.		
17	29.981	0.122	77.4	73.2	85.9	67.1	143.8	61.7	0.760	82	110	SE by S	22	...	Fine with passing clouds.		
18	29.994	0.133	77.3	71.5	86.7	65.9	144.4	60.4	0.696	74	119	E by S	23	...	Do.		
19	30.022	0.134	77.2	71.5	86.4	67.1	147.2	62.9	0.697	75	103	E by N	37	...	Do.		
20	30.027	0.145	76.4	71.5	86.7	68.2	144.4	63.7	0.707	77	77	East	25	...	Do.		
21	30.001	0.152	75.3	71.9	87.2	66.4	145.0	62.4	0.737	81	73	E by S	28	...	Do.		
22	29.956	0.142	75.8	71.1	88.9	66.7	145.8	60.4	0.700	78	73	SE by E	0	...	Clear.		
23	29.940	0.122	75.7	72.9	89.6	64.7	147.1	59.0	0.774	87	94	SE by E	7	...	Fine.		
24	29.938	0.118	76.4	72.7	89.5	67.7	149.5	62.7	0.755	84	89	S E	8	...	Do.		
25	29.910	0.157	77.6	72.0	87.8	66.8	145.1	61.0	0.711	75	102	S E	0	...	Clear.		
26	29.902	0.121	77.9	73.7	89.2	65.9	145.9	60.4	0.776	82	175	S S E	2	...	Fine.		
27	29.907	0.130	78.4	74.4	88.7	69.8	145.6	64.7	0.799	82	185	S by E	13	...	Do.		
28	29.913	0.131	78.3	74.9	86.0	69.9	144.8	65.6	0.820	84	175	S S E	45	...	Fine with passing clouds.		
Mean	29.959	0.136	76.4	71.0	87.0	67.3	144.9	62.6	0.689	76	129	E by S	26	0.07			

Madras Meteorological Observations. 1883—March.

March 1883	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.886	0.135	79.0	75.4	88.5	72.0	146.5	64.1	0.834	84	201	S S E	27	...	Fine with passing clouds.
2	29.869	0.141	80.3	76.2	87.5	73.3	144.0	69.9	0.850	82	220	S by E	33	...	Do.
3	29.899	0.128	81.2	75.5	89.2	74.8	144.4	71.8	0.808	76	215	S S E	7	...	Fine.
4	29.911	0.155	80.5	75.3	88.9	73.4	147.0	69.2	0.808	78	197	S S E	30	...	Fine with passing clouds.
5	29.902	0.146	81.2	77.0	88.1	74.1	144.0	70.8	0.872	83	176	S S E	55	...	Passing clouds.
6	29.917	0.135	81.3	77.1	89.4	76.0	148.1	71.9	0.875	83	176	S S E	43	...	Fine with passing clouds.
7	29.950	0.134	80.1	74.3	88.4	72.8	147.8	67.3	0.771	75	137	SE by E	35	...	Do.
8	29.945	0.119	78.9	74.0	88.2	70.5	150.4	67.1	0.775	78	114	E S E	40	...	Do.
9	29.903	0.118	79.7	73.4	89.0	71.0	146.3	67.8	0.738	73	112	E S E	35	...	Do.
10	29.884	0.141	78.5	73.5	86.6	70.1	144.1	65.7	0.760	78	147	S E	50	...	Passing clouds.
11	29.897	0.129	80.4	75.1	87.9	74.2	145.4	68.7	0.800	77	176	SE by S	27	...	Fine with passing clouds.
12	29.925	0.139	80.5	75.3	89.4	73.4	148.0	70.2	0.808	78	170	S E	38	...	Do.
13	29.944	0.125	81.6	75.3	91.3	76.7	144.1	69.7	0.794	74	130	E by S	45	...	Passing clouds.
14	29.965	0.111	81.9	75.9	90.4	76.6	143.8	75.4	0.816	75	106	E by N	77	...	Cloudy.
15	29.897	0.125	81.7	76.1	89.7	76.0	145.0	73.4	0.826	77	108	E by S	45	...	Passing clouds.
16	29.920	0.123	81.3	75.7	90.8	74.1	152.4	71.2	0.814	77	112	E S E	68	...	Cloudy.
17	29.940	0.114	80.8	75.4	89.9	74.0	146.1	70.8	0.809	76	126	SE by E	30	...	Fine with passing clouds.
18	29.920	0.173	80.9	75.6	89.5	73.6	145.6	70.6	0.815	77	172	SE by S	40	...	Do.
19	29.862	0.172	82.2	77.3	95.1	75.3	150.6	73.6	0.872	79	158	S S E	17	...	Fine.
20	29.843	0.155	82.4	77.0	91.8	76.6	147.2	73.9	0.856	77	104	SE by S	23	...	Do.
21	29.867	0.116	81.0	74.9	93.6	71.9	150.6	67.1	0.785	74	107	SE by S	7	...	Do.
22	29.898	0.136	80.2	74.6	91.1	70.7	147.5	66.6	0.783	76	124	S S E	10	...	Do.
23	29.895	0.125	80.0	73.9	89.6	71.4	144.7	67.6	0.756	74	109	SE by S	13	...	Do.
24	29.919	0.142	80.0	74.0	88.5	71.2	147.1	67.6	0.760	74	134	SE by S	15	...	Do.
25	29.935	0.122	79.4	74.5	90.1	70.6	147.0	66.8	0.790	78	124	SE by S	22	...	Do.
26	29.872	0.149	80.1	73.4	90.2	69.4	146.6	64.9	0.734	71	163	S S E	13	...	Do.
27	29.875	0.134	81.5	77.0	92.4	72.1	148.1	69.0	0.868	81	193	S by E	14	...	Do.
28	29.876	0.105	82.0	76.8	88.9	75.9	144.6	72.2	0.853	78	209	S S E	25	...	Fine with passing clouds.
29	29.852	0.128	81.4	75.6	89.2	77.2	144.2	68.1	0.808	76	175	S S E	25	...	Do.
30	29.866	0.119	80.6	75.1	88.5	71.4	145.2	68.0	0.798	76	194	S S E	25	...	Do.
31	29.884	0.114	82.2	76.3	89.2	75.7	143.0	70.6	0.828	75	169	S S E	22	...	Do.
Mean	29.901	0.133	80.7	75.4	89.7	73.4	146.4	69.4	0.809	77	153	SE by S	31	Nil.	

Madras Meteorological Observations. 1883—April.

April 1883	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Snn	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Cents	Cents	Inches	
1	29.849	0.162	81.1	75.8	92.9	73.5	146.2	70.0	0.822	77	176	S by E	15	...	Fine.
2	29.790	0.154	82.9	76.8	98.3	75.9	151.1	72.8	0.841	75	211	S by E	0	...	Clear.
3	29.744	0.177	83.7	76.0	98.6	75.7	150.2	74.0	0.795	69	199	S by E	12	...	Fine.
4	29.793	0.137	83.1	77.8	92.3	76.5	144.9	73.2	0.883	78	185	S S E	20	...	Do.
5	29.757	0.159	84.0	77.7	96.2	77.3	147.9	75.6	0.866	74	192	S S E	18	...	Do.
6	29.731	0.161	84.3	79.2	101.2	76.4	151.7	73.0	0.930	79	192	S by E	17	...	Do.
7	29.807	0.078	83.8	78.2	91.6	77.6	143.4	75.3	0.891	78	194	SE by S	40	...	Fine with passing clouds.
8	29.871	0.119	82.8	78.0	90.7	75.9	139.9	72.7	0.895	80	144	SE by S	35	...	Do.
9	29.884	0.140	81.9	76.5	90.3	75.9	149.0	73.6	0.841	77	131	SE by S	45	...	Do.
10	29.847	0.137	81.5	75.2	91.8	72.3	143.9	68.2	0.791	73	139	S S E	18	...	Fine.
11	29.844	0.128	81.3	75.3	89.9	72.9	143.6	71.3	0.798	74	148	S S E	2	...	Do.
12	29.808	0.135	81.2	76.8	90.3	72.3	144.1	69.2	0.863	81	156	SE by S	35	...	Fine with passing clouds.
13	29.810	0.142	84.0	79.0	95.5	75.2	148.4	71.8	0.925	79	173	S by E	25	...	Do.
14	29.825	0.125	84.6	79.3	91.8	79.6	144.5	77.2	0.931	78	218	S S E	10	...	Fine.
15	29.816	0.128	83.8	77.8	93.7	77.3	147.3	74.8	0.873	75	171	S S E	10	...	Do.
16	29.820	0.144	83.2	77.9	91.7	75.4	144.9	71.2	0.885	78	143	SE by S	22	...	Fine with passing clouds.
17	29.843	0.117	84.0	78.9	92.4	77.5	144.8	75.3	0.920	79	139	S E	23	...	Do.
18	29.852	0.137	83.3	78.2	92.6	77.3	148.2	75.3	0.898	79	140	SE by E	37	...	Do.
19	29.838	0.135	84.6	78.8	92.2	77.9	145.3	76.1	0.908	76	165	S E	45	...	Passing clouds.
20	29.856	0.129	84.8	79.0	92.2	79.7	150.3	78.3	0.914	76	194	S E	50	...	Do.
21	29.858	0.127	83.8	78.5	91.2	77.3	147.8	76.0	0.905	78	182	SE by E	40	...	Fine with passing clouds.
22	29.842	0.137	84.0	78.6	91.8	77.0	146.1	74.5	0.906	77	183	S E	35	...	Do.
23	29.830	0.136	84.4	78.6	91.6	78.3	145.5	74.0	0.901	76	207	S E	30	...	Do.
24	29.854	0.127	84.1	78.9	93.6	76.6	157.7	74.3	0.919	79	169	S E	40	...	Do.
25	29.829	0.155	84.3	78.8	91.7	78.2	145.4	76.6	0.912	77	193	S E	40	...	Do.
26	29.778	0.146	84.5	78.3	91.5	78.6	144.4	76.3	0.886	75	200	S S E	38	...	Do.
27	29.753	0.154	85.5	78.3	97.0	79.0	151.2	77.8	0.871	72	237	S S E	57	...	Passing clouds: lg.
28	29.765	0.095	84.5	76.2	98.6	77.5	152.7	76.8	0.793	67	138	South	63	...	Cloudy.
29	29.710	0.133	86.2	79.5	96.8	80.4	150.1	78.8	0.919	73	223	SE by S	68	...	Do.
30	29.698	0.166	86.4	79.4	92.5	82.7	151.1	82.0	0.911	72	293	S S E	55	...	Passing clouds.
Mean	29.810	0.137	83.7	77.9	93.4	76.9	147.4	74.5	0.880	76	181	SE by S	32	Nil.	

Madras Meteorological Observations. 1883—May.

May 1883	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.683	0.123	85.9	79.5	94.1	81.5	147.4	79.9	0.922	74	202	S S E	47	...	Passing clouds.
2	29.710	0.119	85.4	78.9	93.4	80.5	145.9	78.6	0.900	74	247	SE by S	48	...	Do.
3	29.719	0.138	86.6	79.0	95.2	81.3	147.8	80.2	0.890	70	218	SE by S	35	...	Fine with passing clouds.
4	29.702	0.180	87.4	79.6	95.7	81.5	147.1	79.9	0.906	71	226	SE by S	47	...	Passing clouds.
5	29.736	0.107	85.8	80.4	94.9	81.3	148.0	79.7	0.965	78	207	S E	43	...	Fine with passing clouds.
6	29.727	0.144	86.9	80.5	94.3	80.3	148.3	78.9	0.955	74	196	SE by S	35	...	Do.
7	29.767	0.091	86.4	80.4	93.0	81.6	149.1	80.1	0.958	76	200	S E	30	...	Do.
8	29.786	0.091	86.6	79.9	96.3	79.5	151.1	77.0	0.932	74	116	E by S	50	...	Passing clouds.
9	29.816	0.122	84.9	77.8	91.3	80.4	144.9	78.5	0.858	72	208	SE by E	55	...	Do.
10	29.762	0.134	84.1	78.9	89.4	78.6	145.1	77.5	0.919	79	319	S by E	37	...	Fine with passing clouds.
11	29.719	0.137	86.8	79.2	99.3	81.3	148.0	79.7	0.897	70	346	S by E	25	...	Do.
12	29.715	0.141	87.8	81.2	102.5	81.3	150.9	80.1	0.978	74	324	South	30	...	Do.
13	29.694	0.125	86.6	80.3	101.2	82.1	150.3	81.3	0.949	75	273	S S E	35	...	Fine with passing clouds : lg.
14	29.696	0.144	88.0	79.8	102.5	81.4	150.8	80.1	0.906	69	268	S by E	15	...	Fine.
15	29.749	0.129	87.2	80.9	102.4	81.8	147.1	80.7	0.970	75	306	S by E	18	...	Do.
16	29.733	0.157	89.3	81.7	100.9	82.2	150.3	80.6	0.979	72	278	S by E	27	...	Fine with passing clouds.
17	29.671	0.156	89.3	83.4	103.8	83.4	151.3	82.6	1.065	77	314	S by E	30	...	Do.
18	29.664	0.133	87.3	81.5	93.3	83.2	140.9	82.4	0.999	77	290	S S E	40	...	Do.
19	29.668	0.135	87.5	79.5	96.0	82.2	145.9	81.4	0.901	70	233	S S E	30	...	Do.
20	29.679	0.141	88.6	79.1	98.1	82.1	146.7	81.2	0.867	64	207	S by E	18	...	Do.
21	29.644	0.130	90.1	80.9	105.7	82.2	150.5	80.8	0.932	66	218	S by E	22	...	Do.
22	29.667	0.124	89.8	78.7	105.7	83.9	147.4	82.1	0.832	60	224	South	30	...	Do.
23	29.667	0.114	90.1	80.0	106.1	83.6	148.8	82.2	0.889	63	248	S by E	25	...	Do.
24	29.659	0.114	91.4	78.5	107.7	82.8	149.7	80.6	0.801	54	217	S S W	30	...	Do.
25	29.646	0.100	90.4	77.7	106.5	83.9	150.6	82.6	0.779	55	220	S S W	53	...	Passing clouds.
26	29.655	0.123	89.8	77.8	104.5	83.3	150.8	82.6	0.793	56	232	SW by S	55	...	Do.
27	29.663	0.083	87.9	77.1	104.8	82.2	148.9	79.9	0.785	59	276	S by W	35	...	Passing clouds : lg. W.
28	29.691	0.099	88.0	79.4	102.9	81.9	147.9	80.7	0.889	67	205	South	30	...	Fine with passing clouds : lg
29	29.728	0.112	86.3	80.3	93.7	81.8	142.1	80.6	0.954	76	239	S S E	35	...	Fine with passing clouds.
30	29.781	0.107	85.3	79.8	92.2	80.4	142.9	78.6	0.944	78	230	SE by S	55	...	Passing clouds.
31	29.794	0.133	84.5	78.6	91.7	80.4	148.0	78.8	0.899	76	177	S S E	55	...	Do.
Mean	29.709	0.125	87.5	79.7	98.7	81.7	147.9	80.3	0.910	70	241	S S E	36	Nil.	

Madras Meteorological Observations. 1883—June.

June 1883	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Snn	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.798	0.117	87.1	78.6	98.5	80.1	153.9	78.3	0.864	67	158	S by E	37	...	Fine with passing clouds.
2	29.772	0.149	87.6	78.6	99.5	79.8	154.1	78.7	0.858	66	182	S by E	38	...	Do.
3	29.730	0.158	87.9	79.8	101.3	82.6	147.0	81.4	0.909	69	249	S by W	40	0.07	Fine with passing clouds : th. and lg.
4	29.722	0.108	83.0	78.9	97.8	75.5	149.9	73.5	0.935	83	173	S by E	65	0.88	Passing clouds : rain.
5	29.683	0.148	87.4	79.0	98.0	78.3	146.9	75.8	0.878	67	205	SW by S	63	...	Passing clouds.
6	29.655	0.172	90.2	79.4	100.1	79.1	146.1	75.8	0.859	61	276	W S W	58	...	Do.
7	29.621	0.142	91.0	78.0	101.0	84.3	146.2	83.0	0.784	54	252	S W	72	...	Cloudy.
8	29.627	0.145	89.0	77.3	102.8	82.6	149.7	75.8	0.780	57	280	SW by W	67	0.01	Do.
9	29.645	0.142	91.7	77.5	101.4	82.9	144.5	81.8	0.753	51	323	W S W	55	...	Passing clouds.
10	29.635	0.146	89.9	78.5	102.0	83.5	152.0	82.5	0.822	58	283	S W	52	0.09	Do.
11	29.653	0.147	87.6	78.1	102.8	81.9	146.5	79.5	0.835	64	267	S W	50	...	Passing clouds : lg.
12	29.663	0.148	90.8	76.6	103.2	83.5	146.5	81.7	0.725	51	298	S W	48	...	Passing clouds.
13	29.652	0.160	90.8	76.4	101.6	83.5	144.6	81.7	0.716	49	312	SW by W	62	...	Do.
14	29.648	0.162	88.0	78.6	102.5	84.0	145.4	80.7	0.852	64	301	S W	57	...	Do.
15	29.654	0.159	87.5	78.7	102.3	83.5	145.6	80.5	0.864	66	286	S W	63	...	Do.
16	29.663	0.125	87.2	78.8	103.4	81.6	147.5	79.9	0.872	67	244	S by W	52	0.02	Do.
17	29.653	0.121	86.7	80.5	105.1	80.9	150.7	78.0	0.958	75	259	S by W	45	...	Do.
18	29.672	0.102	86.4	80.2	98.9	80.0	142.7	78.6	0.948	75	201	S S E	75	...	Cloudy.
19	29.675	0.128	86.4	79.9	100.4	79.1	144.6	78.3	0.934	74	208	S by W	68	...	Do.
20	29.723	0.090	83.4	78.0	94.5	76.7	145.0	75.6	0.887	77	195	South	55	...	Passing clouds.
21	29.753	0.090	81.4	77.9	87.5	77.0	123.0	75.6	0.910	85	131	S S E	95	0.14	Cloudy : rain.
22	29.733	0.127	84.0	78.2	96.1	78.0	139.5	77.1	0.888	76	188	S S W	60	...	Passing clouds : lg.
23	29.716	0.123	82.4	77.9	95.2	77.7	145.2	77.4	0.896	81	223	S W	73	0.41	Cloudy : rain.
24	29.718	0.118	82.0	78.0	88.7	76.2	113.0	75.2	0.906	83	213	S S W	100	0.16	Overcast : rain.
25	29.764	0.082	84.1	76.9	92.6	78.8	137.7	77.2	0.829	71	166	S by W	92	0.06	Cloudy : th. and lg.
26	29.752	0.118	84.1	77.6	90.8	78.0	124.9	76.1	0.860	74	147	S S W	90	0.01	Cloudy.
27	29.711	0.141	85.0	76.4	96.4	79.7	140.2	78.5	0.793	66	176	S S W	88	0.27	Cloudy : rain.
28	29.710	0.114	84.8	76.5	95.7	79.2	136.5	78.6	0.802	67	180	S W	100	0.19	Overcast : rain.
29	29.748	0.106	84.0	77.1	91.7	77.7	133.4	76.9	0.838	72	179	S W	97	...	Cloudy.
30	29.741	0.121	85.7	77.7	94.5	81.0	125.2	79.7	0.843	68	202	S W	88	...	Do.
Mean	29.696	0.130	86.6	78.2	98.2	80.2	142.3	78.4	0.852	68	225	S S W	67	2.31	

Madras Meteorological Observations. 1883—July.

July 1883	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion.			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.728	0.120	84.4	76.7	97.6	80.4	141.3	78.7	0.816	70	214	SW by W	70	1.77	Cloudy : thunderstorm after 9 P.M.
2	29.745	0.109	78.5	75.5	94.6	74.0	143.8	73.5	0.844	87	121	S W	80	0.17	Cloudy : th., lg. and rain.
3	29.791	0.117	83.6	78.3	94.7	76.7	137.8	75.5	0.900	78	149	S S W	50	...	Passing clouds.
4	29.804	0.106	84.1	77.8	96.2	79.2	146.8	77.7	0.869	74	164	S S W	42	...	Fine with passing clouds : th. & lg.
5	29.745	0.123	85.1	76.9	96.7	78.4	143.5	75.5	0.815	68	161	SW by S	70	0.01	Cloudy : th. : lg. S. W.
6	29.744	0.096	82.6	75.7	92.3	77.0	121.8	74.5	0.796	71	194	S W	100	0.28	Overcast : th. & lg. S. W. : rain.
7	29.711	0.135	81.0	75.5	91.9	74.0	135.8	72.2	0.810	77	164	S W	100	1.22	Over. : sharp thunderstorm after 6 P.M.
8	29.694	0.120	83.1	75.6	91.4	75.4	141.0	74.5	0.786	69	190	SW by W	95	...	Overcast.
9	29.709	0.157	84.5	77.5	93.2	77.7	140.8	75.8	0.850	72	242	SW by W	95	...	Cloudy.
10	29.708	0.143	83.2	75.3	94.5	76.4	142.6	73.7	0.772	67	232	SW by S	98	...	Do.
11	29.688	0.162	82.5	75.6	94.1	79.0	145.8	77.7	0.793	71	181	S W	90	0.19	Cloudy with rain.
12	29.669	0.110	79.4	74.8	91.6	77.0	123.9	74.5	0.802	80	176	W S W	95	0.45	Do.
13	29.644	0.136	81.2	76.1	88.6	75.0	116.8	73.5	0.833	78	93	SW by W	100	0.03	Overcast.
14	29.634	0.116	83.3	75.0	91.0	78.8	131.6	75.3	0.758	67	206	S W	100	0.04	Do.
15	29.725	0.125	83.8	76.2	93.5	79.0	145.6	77.7	0.803	69	198	S by W	60	...	Passing clouds.
16	29.800	0.138	83.7	75.9	96.5	79.0	144.8	75.5	0.791	68	186	SW by S	70	0.01	Cloudy.
17	29.784	0.143	84.9	77.2	97.6	79.0	144.8	77.4	0.831	70	185	S S W	50	0.47	Passing clouds : rain.
18	29.764	0.151	80.7	76.0	87.0	74.0	113.0	71.9	0.835	80	126	S S W	90	0.17	Cloudy : rain.
19	29.742	0.141	81.5	76.0	93.2	77.7	140.6	74.5	0.825	77	183	S S W	70	0.84	Passing clouds : th. & lg. after 8½ P.M.
20	29.758	0.094	80.4	76.7	85.8	74.2	108.6	73.4	0.870	85	130	SW by S	97	0.25	Cloudy : rain.
21	29.752	0.150	83.3	77.3	91.9	76.4	142.4	74.0	0.857	75	159	S by W	70	0.04	Cloudy.
22	29.718	0.120	83.9	75.7	90.1	78.2	123.4	76.6	0.778	68	186	SW by W	65	...	Do.
23	29.712	0.127	84.0	76.5	93.1	78.2	142.1	77.1	0.813	70	192	SW by W	98	0.06	Do.
24	29.721	0.100	83.8	76.2	89.7	78.2	137.0	76.7	0.803	69	176	SW by W	78	...	Do.
25	29.716	0.162	86.8	76.2	97.4	79.2	146.9	77.5	0.762	60	223	W by S	60	0.02	Passing clouds.
26	29.708	0.142	86.2	75.0	95.9	78.8	137.2	77.5	0.718	58	226	W by S	75	...	Cloudy.
27	29.687	0.134	84.7	76.4	96.0	79.6	143.0	78.5	0.799	67	197	W S W	65	0.29	Passing clouds : lg. : rain.
28	29.700	0.104	81.8	76.8	95.8	76.4	145.1	74.9	0.856	79	151	SW by S	50	0.07	Passing clouds.
29	29.721	0.114	83.2	76.4	93.6	77.2	146.0	75.5	0.819	72	156	S by W	37	...	Do.
30	29.724	0.130	85.1	77.7	95.8	79.0	145.6	77.6	0.851	70	166	South	50	...	Do.
31	29.709	0.130	84.5	78.3	96.3	78.2	144.8	77.7	0.886	75	207	S by W	55	...	Do.
Mean	29.724	0.128	83.2	76.3	93.5	77.5	137.6	75.7	0.817	72	179	SW by S	75	6.38	

Madras Meteorological Observations. 1883—August.

August 1883	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.697	0.116	84.5	78.8	96.5	79.2	149.8	77.5	0.909	77	189	South	62	0.56	Cloudy : lg. : rain.
2	29.726	0.147	83.3	77.3	94.9	76.6	141.3	75.5	0.857	75	147	S by E	58	0.01	Passing clouds.
3	29.741	0.132	83.4	77.1	96.7	76.8	147.8	74.5	0.817	74	197	South	52	...	Do.
4	29.714	0.137	84.3	78.2	97.1	76.6	150.8	74.8	0.883	75	167	S by E	48	...	Fine with passing clouds.
5	29.699	0.123	82.6	77.0	97.4	77.6	138.2	75.5	0.854	77	210	S S W	52	...	Fine with passing clouds : th. & lg.
6	29.718	0.088	83.3	78.1	94.8	75.3	149.0	73.7	0.893	79	211	S by W	60	0.17	Passing clouds : rain.
7	29.774	0.114	84.7	79.2	93.8	78.8	143.8	77.3	0.925	77	176	S by E	30	...	Fine with passing clouds.
8	29.769	0.134	84.5	78.7	92.3	78.8	145.6	77.7	0.904	76	154	SE by S	20	...	Fine.
9	29.746	0.131	82.9	78.6	89.9	78.2	145.7	76.8	0.922	82	168	SE by S	38	...	Fine with passing clouds.
10	29.746	0.106	84.6	79.0	92.8	78.2	151.0	76.5	0.917	77	186	S S E	22	...	Do.
11	29.770	0.121	84.6	78.5	92.4	79.2	146.6	78.5	0.894	76	177	S by E	22	...	Do.
12	29.785	0.118	84.5	79.1	91.3	78.6	145.7	77.0	0.922	77	160	S by E	30	...	Do.
13	29.814	0.137	83.9	78.2	96.1	77.6	149.3	76.3	0.889	77	144	S by E	33	...	Do.
14	29.785	0.138	84.3	78.6	93.1	78.4	148.6	76.3	0.902	75	160	SE by S	32	...	Do.
15	29.738	0.164	85.8	79.5	93.3	79.0	144.8	77.3	0.924	75	238	S by E	48	...	Passing clouds.
16	29.737	0.134	84.4	78.3	97.0	79.6	146.6	78.4	0.887	75	183	S by W	66	...	Do.
17	29.701	0.132	84.3	76.9	98.4	77.8	152.6	77.6	0.827	70	189	S W	53	0.09	Do.
18	29.693	0.147	84.0	76.8	97.1	77.4	150.9	76.4	0.826	71	194	S W by S	70	...	Cloudy.
19	29.690	0.098	80.3	76.4	96.5	77.2	149.5	76.6	0.858	82	189	S W	70	1.23	Cloudy : thunderstorm at 2 P.M.
20	29.718	0.095	82.9	76.6	89.6	78.2	121.5	75.6	0.833	74	183	W S W	97	...	Cloudy.
21	29.742	0.115	79.5	75.2	91.4	77.9	141.3	76.7	0.820	81	188	W S W	100	0.28	Overcast : rain.
22	29.721	0.151	80.4	75.3	92.9	74.5	142.3	73.1	0.810	78	209	W S W	98	0.07	Cloudy.
23	29.672	0.148	83.5	76.6	92.1	76.8	140.8	75.6	0.822	72	205	W by S	67	0.18	Cloudy : rain.
24	29.645	0.119	84.1	74.8	93.0	76.4	143.5	74.8	0.738	64	242	W by N	90	...	Cloudy.
25	29.639	0.139	84.1	75.3	92.5	78.8	140.9	77.6	0.760	64	228	W by S	93	...	Do.
26	29.632	0.133	85.8	76.6	94.5	77.2	148.9	75.8	0.793	64	248	S S W	65	...	Passing clouds.
27	29.645	0.148	85.2	78.3	96.5	77.4	151.1	74.2	0.877	72	251	S by W	53	...	Do.
28	29.618	0.140	87.4	77.8	98.9	79.2	151.9	75.6	0.825	64	273	S S W	65	...	Do.
29	29.673	0.131	86.1	76.2	95.7	79.4	141.1	77.9	0.784	64	205	SW by S	75	0.30	Cloudy : lg. S. : rain.
30	29.721	0.133	84.0	76.3	94.3	76.9	148.6	74.0	0.804	68	191	SW by S	80	0.08	Cloudy : lg. S.
31	29.745	0.098	84.8	76.3	94.2	76.2	148.0	73.6	0.793	66	201	SW by S	67	0.01	Cloudy.
Mean	29.718	0.128	83.9	77.4	94.4	77.7	145.7	76.1	0.854	73	196	S S W	59	2.98	

Madras Meteorological Observations. 1883—September.

September 1883	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.750	0.135	85.6	75.7	97.0	77.9	145.6	75.7	0.757	61	207	SW by S	50	0.01	Passing clouds.
2	29.778	0.107	83.9	75.4	92.7	79.4	127.0	77.7	0.767	65	202	S W	97	...	Cloudy.
3	29.804	0.119	85.6	75.5	93.9	79.3	143.1	77.7	0.748	61	201	SW by S	88	...	Do.
4	29.795	0.158	86.0	75.7	98.4	76.6	148.5	75.0	0.752	60	217	SW by S	35	...	Fine with passing clouds.
5	29.718	0.176	86.9	74.7	96.1	78.2	152.2	73.9	0.696	55	236	SW by S	52	...	Passing clouds.
6	29.708	0.118	83.8	76.3	93.5	81.4	145.0	80.7	0.807	69	268	SW by W	80	0.03	Cloudy.
7	29.730	0.127	83.6	74.9	93.7	77.2	146.4	76.7	0.750	64	234	SW by S	93	...	Do.
8	29.759	0.135	87.0	77.0	99.2	79.5	153.7	76.7	0.794	62	223	S W	62	0.03	Passing clouds.
9	29.779	0.146	87.1	76.6	98.7	79.6	150.2	77.9	0.775	60	259	S W	55	...	Do.
10	29.792	0.155	86.2	77.7	96.1	79.2	140.5	76.7	0.834	67	204	SW by W	95	...	Cloudy.
11	29.808	0.152	84.9	76.5	98.3	78.3	146.0	77.0	0.801	66	193	S S W	88	...	Do.
12	29.814	0.139	84.8	76.9	97.6	79.6	143.6	78.5	0.820	68	193	S by W	75	...	Do.
13	29.815	0.154	84.1	77.0	99.5	77.6	154.5	74.5	0.833	72	170	S S W	67	...	Do.
14	29.816	0.144	83.8	76.3	92.9	78.6	150.0	77.7	0.807	69	134	South	62	...	Passing clouds.
15	29.810	0.133	85.3	77.2	96.9	77.9	155.5	76.4	0.826	68	173	S by E	28	...	Fine with passing clouds.
16	29.804	0.122	85.1	77.8	98.4	77.4	153.5	76.3	0.856	71	173	S by W	35	...	Do.
17	29.819	0.152	82.0	76.7	88.3	77.6	118.0	76.1	0.848	78	126	S by E	75	...	Cloudy.
18	29.816	0.138	82.7	77.2	90.7	76.7	127.0	74.5	0.861	77	128	S by E	82	...	Do.
19	29.759	0.133	85.1	77.5	102.3	76.5	156.5	74.2	0.843	70	181	South	50	...	Passing clouds.
20	29.756	0.125	85.0	75.6	97.8	77.7	152.8	76.4	0.760	63	197	S by E	60	...	Do.
21	29.780	0.122	86.0	76.6	97.6	79.0	151.3	76.5	0.790	63	198	S by E	60	...	Do.
22	29.817	0.108	85.5	76.7	98.0	78.8	152.6	76.1	0.801	65	173	S by E	57	...	Do.
23	29.818	0.138	85.2	76.2	97.7	76.2	160.7	73.5	0.783	64	161	SE by S	55	...	Do.
24	29.803	0.142	84.3	77.5	95.6	76.2	153.4	74.0	0.853	73	148	SE by S	50	...	Do.
25	29.796	0.132	84.2	76.9	95.9	78.3	149.8	75.7	0.827	71	160	SE by S	50	...	Do.
26	29.803	0.128	84.9	78.3	94.0	79.2	149.8	78.3	0.881	74	158	S E	40	...	Fine with passing clouds.
27	29.786	0.155	84.1	77.9	91.0	79.6	145.4	78.5	0.873	75	219	SE by S	35	...	Do.
28	29.798	0.157	83.1	76.1	93.0	75.0	144.9	72.7	0.807	71	198	South	47	0.04	Passing clouds.
29	29.848	0.116	84.2	77.2	96.9	76.6	155.2	75.7	0.840	72	188	S by W	43	0.13	Passing clouds with rain.
30	29.858	0.140	81.7	77.8	95.1	72.2	147.0	71.7	0.901	83	173	S by W	45	0.32	Do.
Mean	29.791	0.137	84.7	76.6	95.9	77.9	147.3	76.1	0.810	68	190	S by W	60	0.56	

Madras Meteorological Observations. 1883—October.

October 1883	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points.	Cents	Inches	
1	29.819	0.144	84.8	78.3	95.6	78.2	148.1	75.6	0.881	74	129	S E	47	...	Fine with passing clouds.
2	29.821	0.079	77.6	77.3	89.7	78.6	147.1	77.0	0.935	97	72	S W	100	4.88	Overcast: thunderstorm.
3	29.864	0.113	76.7	75.3	81.0	74.4	98.6	73.4	0.859	93	65	S W	93	0.20	Cloudy: rain.
4	29.887	0.143	78.3	76.3	85.3	75.1	121.7	71.6	0.881	91	66	NW by N	87	0.34	Do. : do.
5	29.830	0.144	80.2	77.0	88.1	75.9	131.7	70.6	0.886	86	60	N E	82	...	Cloudy.
6	29.804	0.135	81.3	78.1	90.8	75.9	130.7	74.0	0.920	86	83	South	67	0.01	Do.
7	29.819	0.110	79.5	75.4	90.9	74.4	144.0	72.8	0.827	82	123	SW by S	72	0.08	Do.
8	29.840	0.096	79.4	74.9	92.0	73.1	137.0	70.6	0.806	80	99	West	90	...	Do.
9	29.864	0.122	80.9	76.1	90.2	75.4	139.8	73.6	0.837	79	70	S by W	67	...	Do.
10	29.847	0.118	80.4	77.1	88.2	74.6	120.7	72.6	0.888	86	60	SE by E	65	...	Do.
11	29.863	0.126	79.2	76.2	87.2	74.6	135.8	73.2	0.864	87	92	N E	70	0.48	Cloudy: rain.
12	29.867	0.134	78.3	75.7	83.2	74.4	115.8	73.6	0.855	89	65	NE by N	100	0.36	Overcast: rain.
13	29.860	0.154	78.5	75.0	85.7	76.6	136.2	73.9	0.822	84	153	N N E	90	1.81	Overcast: th. and lg.: rain.
14	29.886	0.126	76.7	75.0	80.2	72.9	102.8	72.6	0.847	93	120	N E	100	1.51	Overcast with rain.
15	29.940	0.080	75.9	74.4	81.7	74.2	110.9	73.5	0.832	93	96	North	100	1.06	Overcast.
16	29.874	0.150	75.2	73.5	81.6	74.4	113.8	73.3	0.804	93	188	North	100	3.40	Overcast: th. and lg.
17	29.871	0.082	77.8	73.7	84.0	71.6	127.8	71.5	0.778	82	154	S E	82	0.57	Cloudy: rain.
18	29.936	0.132	79.0	76.2	86.3	76.0	140.0	73.7	0.868	88	102	S by E	68	0.16	Passing clouds: rain.
19	29.934	0.145	80.1	76.5	86.0	75.2	139.8	73.3	0.866	85	106	S E	52	0.10	Do. : do.
20	29.954	0.145	80.4	76.0	87.2	75.0	141.2	73.5	0.839	80	77	S E	52	0.12	Do. : do.
21	29.934	0.154	79.0	75.5	86.9	74.6	140.0	73.1	0.837	85	73	SE by E	55	0.37	Do. : do.
22	29.921	0.150	79.7	75.7	87.6	74.7	142.6	73.5	0.836	89	85	East	53	...	Passing clouds.
23	29.937	0.121	80.4	74.7	88.1	73.4	141.0	70.5	0.785	76	76	E by N	40	...	Fine with passing clouds.
24	29.899	0.126	79.8	75.5	88.6	74.4	146.4	71.5	0.827	81	109	NE by N	32	...	Do.
25	29.892	0.106	80.4	76.4	89.1	73.8	145.8	71.7	0.857	82	127	NE by N	45	0.02	Do.
26	29.892	0.117	79.8	76.0	87.9	72.4	136.4	70.5	0.848	84	161	NE by N	78	0.16	Cloudy: rain.
27	29.948	0.109	73.8	72.5	75.5	73.0	91.3	72.1	0.783	94	128	N N E	100	2.89	Overcast: rain.
28	29.926	0.092	75.0	73.5	80.1	72.6	128.4	71.7	0.807	93	191	North	100	2.12	Do. : do.
29	29.860	0.119	74.8	73.6	77.2	72.9	90.8	71.4	0.814	94	154	North	100	1.54	Do. : do.
30	29.778	0.132	75.7	74.0	79.1	73.6	119.6	71.7	0.818	93	202	N by W	98	...	Overcast.
31	29.795	0.126	78.7	75.9	84.2	73.0	137.6	71.5	0.858	88	102	SW by W	85	...	Cloudy.
Mean	29.876	0.124	78.6	75.5	85.8	74.5	129.1	72.7	0.844	87	109	NE by N	76	22.18	

Note.—The weather on the 2nd was remarkable. There was continuous thunder for several hours in the morning: heavy rain at noon—exactly 3 inches being recorded by 1 P.M.—and continuing less heavily but steadily till 10 P.M.

Madras Meteorological Observations. 1883—November.

November 1883	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.816	0.117	79.2	76.3	84.6	74.0	135.1	72.8	0.868	87	81	S S E	95	1.87	Cloudy with rain.
2	29.810	0.104	79.1	75.4	84.3	74.8	138.0	72.9	0.831	83	195	SE by S	80	2.46	Do.
3	29.873	0.116	78.2	75.4	84.5	72.5	127.6	71.8	0.844	87	139	S E	82	2.12	Do.
4	29.913	0.104	76.4	74.7	81.8	73.6	135.2	72.6	0.838	93	99	N N E	100	1.15	Overcast with rain.
5	29.912	0.133	79.3	75.9	85.7	75.4	136.4	74.6	0.850	85	130	NE by N	65	0.27	Cloudy with rain.
6	29.939	0.112	79.3	76.4	86.4	75.2	137.3	72.6	0.871	86	111	N E	70	0.12	Do.
7	29.939	0.109	79.7	76.2	87.2	75.4	138.8	72.8	0.858	85	150	NE by E	83	0.14	Do.
8	29.902	0.114	77.8	74.9	83.9	73.5	135.8	72.0	0.827	86	132	N N E	75	0.41	Do.
9	29.903	0.119	77.7	73.0	84.5	75.0	139.7	73.6	0.750	80	131	N E	67	0.02	Passing clouds.
10	29.898	0.097	76.5	72.8	84.9	71.7	138.0	69.4	0.758	84	117	NE by N	38	...	Fine with passing clouds.
11	29.883	0.112	74.4	69.6	83.2	67.4	138.4	64.6	0.661	78	107	N N E	35	...	Do.
12	29.900	0.134	74.6	69.2	84.0	67.6	149.4	62.8	0.642	74	134	N N E	30	...	Do.
13	29.917	0.149	73.8	68.0	83.4	64.6	139.0	61.4	0.609	73	103	N by E	13	...	Fine.
14	29.918	0.147	74.1	68.9	85.4	65.6	140.0	61.4	0.639	76	93	N by E	17	...	Do.
15	29.898	0.135	75.3	68.9	86.1	66.4	140.8	62.1	0.622	71	113	N N E	35	...	Fine with passing clouds.
16	29.909	0.101	75.2	69.5	85.2	68.2	140.6	64.5	0.647	74	137	N by E	40	...	Do.
17	29.928	0.096	77.3	72.4	84.2	70.6	147.5	67.6	0.732	77	250	N by E	65	...	Cloudy.
18	29.975	0.093	75.6	74.1	79.2	72.9	135.5	71.6	0.824	93	162	North	85	0.30	Cloudy : rain.
19	29.957	0.119	76.9	74.4	86.1	73.2	140.4	70.6	0.819	88	184	E N E	80	4.75	Overcast : rain.
20	29.963	0.131	78.2	72.9	84.1	73.1	138.3	72.4	0.739	77	251	NE by N	50	1.31	Cloudy : rain.
21	29.956	0.112	77.1	70.9	82.5	72.2	138.3	71.4	0.674	73	212	N N E	42	...	Fine with passing clouds.
22	29.929	0.085	77.0	69.7	84.0	69.2	137.2	65.0	0.630	68	202	N N E	42	...	Do.
23	29.918	0.098	75.6	69.5	83.0	69.4	137.8	68.2	0.641	73	189	N by E	43	...	Passing clouds.
24	29.921	0.112	74.6	69.1	80.4	69.2	130.0	66.4	0.639	74	155	North	70	...	Do.
25	29.922	0.118	73.5	69.4	82.2	66.2	138.6	61.8	0.665	81	134	North	40	...	Do.
26	29.927	0.109	75.1	69.2	81.6	68.4	142.0	66.3	0.636	72	176	North	50	...	Do.
27	29.868	0.120	73.9	68.9	79.5	70.4	138.2	69.4	0.641	76	223	North	90	...	Cloudy.
28	29.846	0.101	72.8	67.6	75.4	69.2	103.3	68.0	0.607	76	261	N N W	98	...	Do.
29	29.851	0.111	74.3	69.3	79.4	71.5	129.8	70.6	0.651	76	271	N by W	90	...	Do.
30	29.879	0.113	75.3	70.2	80.7	71.2	142.8	69.6	0.671	77	256	N by W	57	...	Passing clouds.
Mean	29.906	0.114	76.3	71.8	83.2	70.9	137.0	68.7	0.723	79	163	NE by N	61	14.92	

Madras Meteorological Observations. 1883—December.

December 1883	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city.	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.876	0.098	73.6	67.8	76.2	69.4	110.0	66.5	0.606	73	233	N by W	100	...	Overcast.
2	29.868	0.113	73.6	69.6	75.2	70.1	99.4	66.5	0.671	81	271	N by W	100	...	Do.
3	29.863	0.141	72.8	65.3	73.2	71.2	80.0	66.5	0.525	65	231	N by W	100	...	Do.
4	29.886	0.135	75.1	69.6	87.5	69.6	139.1	67.5	0.651	75	103	N N W	32	...	Fine with passing clonds.
5	29.927	0.116	73.0	65.2	84.3	65.5	138.3	59.5	0.518	64	95	North	10	...	Fine.
6	29.976	0.125	71.4	66.2	81.6	63.4	136.7	56.5	0.575	75	157	N by E	5	...	Do.
7	30.000	0.108	73.0	67.7	83.6	63.4	140.2	57.8	0.608	75	136	N by E	5	...	Do.
8	30.018	0.112	75.7	69.6	82.1	67.4	129.1	63.0	0.643	73	196	N N E	50	...	Passing clouds.
9	30.044	0.101	73.7	68.9	79.4	70.4	118.9	68.9	0.645	78	179	N by E	73	...	Cloudy.
10	30.011	0.127	74.4	70.1	80.8	70.0	129.1	69.3	0.680	80	214	North	90	1.90	Cloudy : rain.
11	29.983	0.144	75.1	71.6	79.9	70.8	117.9	70.5	0.729	84	297	N N E	95	0.01	Cloudy.
12	29.943	0.126	72.5	71.3	74.3	70.2	77.6	69.2	0.752	95	334	N by E	100	3.21	Overcast with rain.
13	29.995	0.152	74.4	73.2	78.5	73.0	119.2	72.0	0.803	94	229	East	100	2.51	Do.
14	30.018	0.105	76.1	74.3	83.2	73.4	136.1	72.0	0.825	92	173	N E	95	2.13	Do.
15	29.997	0.125	73.7	72.7	80.4	72.3	119.6	71.1	0.792	95	113	N N E	95	1.09	Do.
16	30.019	0.096	75.6	72.4	81.4	72.9	140.9	72.6	0.754	85	109	N by E	67	...	Cloudy.
17	30.041	0.139	75.3	72.6	82.4	70.6	139.5	68.8	0.766	88	130	N N E	50	...	Passing clouds.
18	30.052	0.091	76.1	71.0	83.2	69.6	135.9	66.6	0.692	77	169	N E	45	...	Do.
19	30.058	0.125	75.5	69.2	81.7	71.2	135.6	69.6	0.631	71	260	N E	68	...	Do.
20	30.088	0.111	73.9	67.6	81.3	70.4	137.0	65.6	0.593	71	269	NE by N	65	...	Do.
21	30.096	0.109	73.2	67.1	78.3	69.6	131.9	65.6	0.583	72	312	N N E	95	..	Cloudy.
22	30.090	0.123	72.4	67.0	80.6	65.5	136.7	63.4	0.590	74	206	N N E	50	...	Passing clouds.
23	30.044	0.092	72.9	66.9	80.6	65.4	138.9	62.8	0.581	72	219	N by E	52	...	Do.
24	30.057	0.069	74.7	69.1	81.0	69.6	135.7	68.6	0.637	74	275	N N E	65	...	Do.
25	30.084	0.094	73.4	69.5	79.6	69.0	127.4	68.6	0.670	81	264	N N E	90	0.05	Cloudy.
26	30.078	0.117	73.0	67.7	80.9	67.8	140.9	65.6	0.609	75	177	N by E	75	...	Do.
27	30.083	0.112	71.1	65.7	79.6	63.7	140.6	60.7	0.562	73	132	N N E	65	...	Passing clouds.
28	30.084	0.106	69.4	64.8	79.6	61.4	135.5	58.0	0.553	77	127	N by E	55	...	Do.
29	30.073	0.105	69.7	65.9	78.3	62.4	135.4	58.6	0.588	81	154	N by E	70	...	Cloudy.
30	30.062	0.119	73.0	68.6	78.4	66.4	129.0	62.6	0.641	79	211	N by E	70	...	Do.
31	30.012	0.136	73.0	68.3	79.1	68.0	136.3	66.4	0.630	78	293	North	60	...	Passing clouds.
Mean	30.014	0.115	73.6	68.9	80.2	68.5	128.0	65.8	0.648	78	202	N N E	67	10.90	

Madras Mean Monthly and Annual Meteorological Results in 1883.

	Barometer		Dry Bulb Thermometer				Wet Bulb		Tension of Vapour	Relative Humidity	Sun Maximum	Minimum on Grass	Wind		Rain		Clear Sky	
	Reduced to 32°	Daily Range	Mean	Max.	Min.	Range	Mean	Min.	By Blanford's Tables	Cents			Miles	Points	Points	Inches		No.
Inches	Inches	°	°	°	°	°	°	°	Inches	Cents	°	°					Cents	
January.....	29.990	0.124	75.6	84.7	68.1	16.6	69.3	65.9	0.634	71	142.4	64.6	169	5	N E by E	0.24	3	54
February.....	29.959	0.130	76.4	87.0	67.3	19.7	71.0	66.0	0.689	76	144.9	62.6	129	9	E by S	0.07	1	74
March.....	29.901	0.133	80.7	89.7	73.4	16.3	75.4	71.9	0.809	77	146.4	69.4	153	13	S E by S	...	...	69
April.....	29.810	0.137	83.7	93.4	76.9	16.5	77.9	74.9	0.880	76	147.4	74.5	181	13	S E by S	...	...	68
May.....	29.709	0.125	87.5	98.7	81.7	17.0	79.7	77.2	0.910	70	147.9	80.3	241	14	S S E	...	...	64
June.....	29.696	0.130	86.6	98.2	80.2	18.0	78.2	75.2	0.853	68	142.3	78.4	225	18	S S W	2.31	12	33
July.....	29.724	0.128	83.2	93.5	77.5	16.0	76.3	73.5	0.817	72	137.6	75.7	179	19	S W by S	6.38	19	25
August.....	29.718	0.128	83.9	94.4	77.7	16.7	77.4	74.7	0.854	73	145.7	76.1	196	18	S S W	2.98	11	41
September.....	29.791	0.137	84.7	95.9	77.9	18.0	76.6	73.7	0.810	68	147.3	76.1	190	17	S by W	0.56	6	40
October.....	29.876	0.124	78.6	85.8	74.5	11.3	75.5	73.2	0.844	87	129.1	72.7	109	3	N E by N	22.18	21	24
November.....	29.906	0.114	76.3	83.2	70.9	12.3	71.8	69.0	0.723	79	137.0	68.7	163	3	N E by N	14.92	12	39
December.....	30.014	0.115	73.6	80.2	68.5	11.7	68.9	66.5	0.648	78	128.0	65.8	202	2	N N E	10.90	7	33
Annual.....	29.841	0.127	80.9	90.4	74.6	15.8	74.8	71.8	0.789	75	141.3	72.1	178	11	S E by E	60.54	92	47

Madras Extreme Monthly Meteorological Records in 1883.

	Barometer			Dry Bulb Thermometer			Wet Bulb		Humidity		Sun Thermometer		Grass Thermometer		Wind			Rain.		
	Highest		Lowest	Range		Lowest		Lowest		Lowest		Highest		Lowest		Lowest				
	Inches	Day	Inches	Day	Inches	Day	°	Day	°	Day	Cents	Day	°	Day	°	Day	Miles		Day	Miles	Day
January ...	30.197	4	29.800	31	0.397	8	62.1	8	51	19	149.9	27	58.7	8	311	20	0.15	23		
February ...	30.101	20	29.802	1	0.299	12	61.3	12	48	11	151.8	4	57.5	12	298	3	0.07	4		
March	30.027	7	29.773	20	0.254	26	68.7	10	53	30	152.4	16	64.1	1	220	2	...	...
April	29.950	9	29.614	30	0.336	12	70.1	28	41	3	157.7	24	68.2	10	293	30	...	...
May	29.873	9	29.572	21	0.301	10	72.1	27	35	22	151.3	17	77.0	8	346	11	...	...
June	29.841	1	29.514	7	0.297	4	73.7	23	32	12	154.1	2	73.5	4	323	9	...	...
July	29.849	16	29.560	14	0.289	18	71.0	18	44	26	146.9	25	71.9	18	242	9	...	...
August ...	29.873	13	29.555	26	0.318	22	72.2	26	43	28	152.6	17	73.1	22	273	28	...	...
September.	29.914	30	29.638	5	0.276	30	69.2	5	38	9	160.7	23	71.7	30	268	6	...	...
October ...	30.012	20	29.712	30	0.300	17	70.3	26	56	1	148.1	1	70.5	26	202	30	...	...
November.	30.027	20	29.757	1	0.270	13	63.3	13	51	15	149.4	12	61.4	13	271	29	...	...
December..	30.156	22	29.792	3	0.364	28	60.5	28	41	5	140.9	16	56.5	6	334	12	...	...

Madras Meteorological Observations. 1884—January.

January 1884	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Points	Inches	
1	29.967	0.098	73.8	69.7	80.5	68.6	138.6	64.8	0.672	81	244	North	60	...	Passing clouds.
2	29.990	0.110	74.2	70.6	81.6	69.8	140.9	67.8	0.701	84	189	N by E	50	...	Do.
3	30.017	0.114	74.5	69.4	81.1	67.6	135.8	64.0	0.651	76	249	N N E	47	...	Do.
4	30.016	0.121	72.6	70.2	76.2	70.6	94.1	69.8	0.707	88	212	North	95	1.27	Overcast : rain.
5	30.053	0.100	76.8	73.7	83.9	71.4	134.8	70.8	0.791	86	221	NE by N	55	...	Passing clouds.
6	30.086	0.116	76.4	72.7	83.6	72.4	137.5	70.3	0.754	84	212	NE by N	53	...	Do.
7	30.111	0.120	74.0	69.9	81.2	68.2	133.3	65.8	0.677	81	198	N N E	57	...	Do.
8	30.098	0.145	72.7	67.3	80.8	66.4	139.5	62.8	0.597	74	173	NE by N	45	...	Do.
9	30.101	0.107	72.6	67.5	81.2	63.9	139.5	60.8	0.606	76	140	N N E	43	...	Fine with passing clouds.
10	30.107	0.129	73.3	65.4	82.3	63.7	141.1	59.1	0.521	63	196	NE by N	55	...	Passing clouds.
11	30.077	0.147	74.1	65.8	82.7	67.0	141.7	60.8	0.526	62	181	N E	60	...	Do.
12	30.076	0.129	72.8	65.4	81.3	65.2	135.8	60.4	0.528	65	169	N N E	45	...	Do.
13	30.073	0.103	71.3	66.0	82.0	63.4	142.3	58.8	0.570	75	106	N N E	50	...	Do.
14	30.053	0.130	71.4	65.7	82.0	61.4	140.1	57.5	0.558	72	116	N E	55	...	Do.
15	30.018	0.108	72.5	67.1	83.1	63.2	141.5	59.6	0.592	74	134	NE by E	52	...	Do.
16	29.989	0.127	74.0	69.6	83.4	66.4	147.5	61.8	0.665	79	110	E N E	70	...	Cloudy.
17	29.975	0.129	76.5	72.8	83.2	71.4	139.6	69.8	0.759	84	92	E S E	57	...	Passing clouds.
18	29.990	0.099	76.7	73.5	83.4	71.4	137.9	69.0	0.784	86	97	East	72	...	Cloudy.
19	30.043	0.113	76.2	73.0	84.1	72.5	139.6	70.8	0.770	85	214	NE by N	87	0.01	Do.
20	30.064	0.124	74.6	72.1	80.6	68.4	138.4	68.0	0.756	88	187	N N E	47	0.86	Light thunderstorm before 3 A.M.
21	30.040	0.144	74.4	71.1	81.3	69.6	133.4	67.2	0.719	85	156	N N E	53	...	Passing clouds.
22	30.033	0.130	72.6	68.3	82.5	65.0	136.2	60.8	0.636	80	80	NE by N	37	...	Fine with passing clouds.
23	30.036	0.139	74.0	67.6	82.4	65.6	141.7	61.8	0.592	70	114	N E	38	...	Do.
24	30.080	0.121	72.3	67.8	83.0	65.9	139.4	61.6	0.621	78	110	NE by N	42	...	Do.
25	30.078	0.139	72.0	67.3	82.3	64.7	138.5	60.8	0.607	78	131	N N E	38	...	Do.
26	30.071	0.120	73.2	67.2	82.8	61.9	141.4	61.8	0.586	72	111	NE by N	42	...	Do.
27	30.044	0.146	73.4	68.6	82.3	65.4	141.4	63.1	0.686	78	125	N N E	40	...	Do.
28	30.035	0.118	73.1	67.9	82.9	65.4	138.7	61.7	0.614	74	132	NE by N	42	...	Do.
29	30.015	0.136	72.8	66.0	83.4	62.6	139.8	59.0	0.550	68	118	N E	33	...	Do.
30	30.013	0.153	71.4	65.4	83.3	62.6	138.8	58.6	0.547	71	116	N N E	20	...	Fine.
31	30.007	0.111	70.6	66.2	82.2	60.7	138.2	55.6	0.586	78	73	NE by E	22	...	Do.
Mean	30.044	0.123	73.6	68.7	82.1	66.6	137.6	63.4	0.641	77	152	NE by N	50	2.14	

Madras Meteorological Observations. 1884—February.

February 1884	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Vele- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	30.000	0.126	70.5	66.1	82.6	61.8	137.2	56.5	0.583	78	68	E by N	17	...	Fine.
2	30.003	0.131	72.6	67.9	82.4	62.4	141.0	57.7	0.621	77	97	NE by E	25	...	Fine with passing clouds.
3	30.019	0.143	74.3	68.5	84.2	65.4	140.2	61.7	0.621	72	129	E by N	35	...	Do.
4	30.013	0.115	71.7	66.8	83.6	62.6	140.8	60.1	0.594	76	101	NE by E	45	...	Do.
5	29.985	0.147	70.5	65.5	82.5	62.2	140.1	56.7	0.563	76	57	N E	35	...	Do.
6	29.962	0.150	69.7	64.5	83.8	59.8	141.0	53.7	0.538	75	75	East	25	...	Fine.
7	29.967	0.139	69.7	65.2	84.7	59.4	140.7	53.7	0.563	77	59	E by S	15	...	Do.
8	29.979	0.142	71.2	66.9	82.7	61.6	139.8	56.5	0.604	79	73	SE by E	0	...	Clear.
9	29.983	0.150	73.1	69.4	82.5	64.4	139.0	59.7	0.670	83	104	S E	20	...	Fine.
10	30.015	0.147	75.2	71.1	86.0	67.0	141.6	61.7	0.708	81	111	SE by S	12	...	Do.
11	30.050	0.156	75.0	71.4	84.1	67.6	141.0	63.7	0.722	84	101	S E	18	...	Do.
12	29.990	0.180	75.3	69.2	84.9	67.2	141.8	62.7	0.633	72	93	S E	18	...	Do.
13	29.949	0.170	74.5	70.3	83.2	66.3	140.0	60.7	0.686	80	156	SE by S	20	...	Do.
14	29.938	0.140	75.2	71.3	84.0	67.6	145.4	59.7	0.715	81	168	S S E	20	...	Do.
15	29.910	0.156	76.9	73.0	86.6	69.4	142.4	65.8	0.760	83	164	S S E	12	...	Do.
16	29.898	0.170	79.3	74.3	90.4	73.0	145.3	66.6	0.782	78	177	S S E	30	...	Fine with passing clouds.
17	29.944	0.128	78.2	74.0	85.4	71.4	143.3	67.8	0.784	82	133	S E	40	...	Do.
18	30.071	0.131	76.8	72.2	85.8	70.2	144.2	65.6	0.729	79	89	E S E	43	...	Do.
19	30.097	0.145	76.1	70.0	85.6	66.5	143.2	61.5	0.653	73	119	E N E	30	...	Do.
20	30.057	0.172	74.6	68.3	85.4	66.5	142.0	62.6	0.609	71	63	NE by E	32	...	Do.
21	30.007	0.117	73.7	68.9	83.7	64.5	140.2	60.0	0.644	78	72	E by S	18	...	Fine.
22	30.042	0.122	75.7	71.0	85.6	66.4	144.7	61.5	0.697	78	84	SE by E	45	...	Fine with passing clouds.
23	30.065	0.135	77.1	72.0	85.8	68.6	143.6	64.8	0.717	77	96	E by S	40	...	Do.
24	30.040	0.158	77.2	71.4	86.0	68.0	146.0	64.2	0.693	74	124	E by S	35	...	Do.
25	30.019	0.132	76.7	71.0	85.7	67.0	145.8	63.6	0.683	75	126	E by S	32	...	Do.
26	30.022	0.163	75.1	70.6	85.2	66.2	142.5	61.6	0.690	79	74	E by S	15	...	Fine.
27	29.993	0.166	75.6	71.4	86.1	67.6	143.0	62.6	0.714	81	84	E S E	25	...	Do.
28	29.932	0.169	76.5	71.7	87.3	68.2	143.2	63.2	0.714	78	120	S S E	23	...	Do.
29	29.938	0.172	77.2	72.1	88.6	68.5	143.8	63.6	0.720	77	115	S S E	25	...	Do.
Mean	29.996	0.147	74.7	69.9	85.0	66.1	142.2	61.4	0.669	77	105	E S E	26	Nil.	

Madras Meteorological Observations. 1884—March.

March 1884	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hnm- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.922	0.111	76.2	70.7	85.9	67.9	141.7	63.2	0.679	75	109	SE by S	15	...	Fine.
2	29.934	0.111	75.0	70.6	85.2	66.0	142.1	60.9	0.691	79	108	SE by S	15	...	Do.
3	29.955	0.145	74.9	69.5	85.4	66.2	141.9	60.8	0.650	75	96	SE by S	20	...	Do.
4	29.949	0.136	76.1	71.6	87.6	66.2	144.5	61.4	0.716	79	104	S S E	7	...	Do.
5	29.905	0.176	76.7	71.9	87.2	67.5	143.8	61.6	0.719	78	101	SE by E	15	...	Do.
6	29.897	0.148	76.8	72.6	86.6	66.7	145.3	60.6	0.746	82	118	S E	20	...	Do.
7	29.882	0.143	76.6	72.7	87.2	66.9	144.1	61.5	0.752	82	134	SE by S	18	...	Do.
8	29.890	0.130	76.7	72.4	85.2	68.0	141.4	62.6	0.739	80	112	SE by S	10	...	Do.
9	29.941	0.127	78.4	73.2	88.2	68.6	144.3	63.4	0.748	77	111	SE by S	10	...	Do.
10	29.980	0.101	78.1	72.6	88.6	67.7	144.0	62.7	0.728	76	85	E by S	27	...	Fine with passing clouds.
11	30.003	0.116	77.8	72.8	88.2	69.4	148.2	65.4	0.741	78	109	E N E	33	...	Do.
12	29.983	0.137	78.5	73.7	89.9	67.8	145.1	64.4	0.769	79	88	E N E	10	...	Fine.
13	29.963	0.135	78.2	73.1	92.4	68.6	146.7	64.0	0.747	78	55	E by N	10	...	Do.
14	29.950	0.168	77.2	72.7	89.2	68.0	145.5	63.2	0.745	80	88	SE by E	20	...	Do.
15	29.883	0.164	77.7	72.9	88.7	68.5	143.8	63.7	0.747	79	124	S S E	5	...	Do.
16	29.848	0.156	80.3	75.3	89.6	70.3	142.5	65.6	0.811	78	178	S by E	5	...	Do.
17	29.833	0.145	82.7	77.0	95.6	76.0	147.5	74.3	0.852	76	235	S by E	5	...	Do.
18	29.861	0.148	81.8	77.0	93.8	76.8	146.2	75.1	0.864	80	236	S by E	17	...	Do.
19	29.890	0.128	82.9	77.0	91.3	77.5	143.5	75.7	0.849	75	221	S S E	13	...	Do.
20	29.853	0.162	81.8	77.6	89.6	76.2	144.1	72.6	0.891	82	188	SE by S	25	...	Do.
21	29.864	0.138	81.0	75.7	92.4	74.9	147.5	71.5	0.818	77	183	S S E	7	...	Do.
22	29.869	0.150	79.5	75.8	88.3	72.7	140.9	68.3	0.844	84	169	S by E	15	...	Do.
23	29.868	0.151	79.9	75.5	88.0	72.7	142.5	68.1	0.825	80	190	S S E	15	...	Do.
24	29.839	0.140	79.6	74.5	92.6	72.3	145.3	68.6	0.787	78	197	S by E	10	...	Do.
25	29.838	0.156	80.8	73.9	92.5	72.3	146.0	68.8	0.744	71	175	S by E	5	...	Do.
26	29.847	0.074	79.7	76.0	88.8	71.6	141.1	67.6	0.849	84	187	S S E	20	...	Do.
27	29.901	0.115	80.6	75.7	90.9	74.0	143.9	70.6	0.823	78	183	S S E	25	...	Fine with passing clouds.
28	29.899	0.128	80.5	74.8	91.3	72.2	143.4	68.9	0.786	75	156	S S E	17	...	Fine.
29	29.875	0.126	80.0	74.4	90.5	71.0	145.3	68.2	0.777	76	149	S S E	17	...	Do.
30	29.902	0.133	79.7	75.2	87.9	72.1	139.4	67.8	0.815	80	148	SE by S	15	...	Do.
31	29.890	0.128	79.6	74.5	88.4	70.8	141.7	66.2	0.787	78	129	S S E	20	...	Do.
Mean	29.900	0.136	78.9	74.0	89.3	70.6	144.0	66.4	0.782	78	144	SE by S	15	Nil.	

Madras Meteorological Observations. 1884—April.

April 1884	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.881	0.143	80.7	75.4	90.5	72.5	146.4	68.3	0.810	77	119	S S E	20	...	Fine.
2	29.875	0.137	79.4	74.3	88.4	71.1	141.5	66.4	0.780	78	137	SE by S	18	...	Do.
3	29.863	0.110	79.8	74.3	88.2	70.5	141.3	66.7	0.775	76	168	S S E	22	...	Do.
4	29.913	0.124	79.7	75.3	88.8	70.9	147.6	65.9	0.819	80	108	SE by S	35	...	Fine with passing clouds.
5	29.929	0.117	81.1	76.7	90.1	71.9	144.7	68.3	0.860	81	111	S E	25	...	Do.
6	29.902	0.148	82.0	77.9	90.7	73.9	144.5	70.7	0.902	83	158	SE by S	30	...	Do.
7	29.857	0.145	83.7	78.2	90.6	77.2	142.7	75.5	0.892	77	196	S by E	60	...	Passing clouds.
8	29.818	0.138	84.9	77.8	97.4	79.4	145.6	74.7	0.858	72	227	S by E	15	...	Fine.
9	29.834	0.133	84.8	78.8	94.3	79.7	143.1	78.5	0.905	76	271	S by E	12	...	Do.
10	29.889	0.107	83.5	78.9	91.1	78.7	141.1	77.5	0.917	81	236	S by E	15	...	Do.
11	29.926	0.099	82.6	77.3	90.4	77.1	142.3	75.0	0.867	78	204	S by E	20	...	Do.
12	29.927	0.129	82.3	77.1	90.5	75.7	141.1	72.7	0.862	78	188	S S E	20	...	Do.
13	29.923	0.129	81.7	77.0	90.1	73.9	143.1	71.1	0.866	81	152	S S E	15	...	Do.
14	29.877	0.145	83.4	75.9	91.7	73.9	149.4	69.7	0.795	69	142	S S E	5	...	Do.
15	29.844	0.113	83.6	76.4	99.8	73.0	150.9	70.0	0.814	70	190	South	5	...	Do.
16	29.820	0.134	85.9	77.1	98.9	76.5	149.2	70.5	0.814	65	233	S by E	5	...	Do.
17	29.839	0.136	85.2	78.5	94.4	79.0	144.6	70.7	0.884	73	260	S by E	7	...	Do.
18	29.870	0.136	84.4	78.5	91.6	78.7	144.9	77.3	0.896	76	250	S S E	25	...	Fine with passing clouds.
19	29.856	0.165	83.7	77.8	91.4	76.9	141.7	75.7	0.874	75	255	S S E	20	...	Do.
20	29.819	0.143	85.4	79.4	98.0	79.9	149.5	78.9	0.924	76	254	S S E	40	...	Do.
21	29.831	0.103	77.9	74.7	87.2	69.9	106.3	69.5	0.818	85	159	South	78	1.66	Thunderstorm at 6 A.M.: cloudy day.
22	29.860	0.152	83.3	77.5	90.2	77.7	140.1	69.9	0.867	76	198	S S E	35	...	Fine with passing clouds.
23	29.832	0.164	82.6	77.5	89.2	75.9	141.4	73.9	0.877	78	178	SE by S	45	...	Passing clouds.
24	29.839	0.141	82.4	77.2	89.4	75.4	144.7	73.6	0.865	79	135	S S E	50	...	Do.
25	29.872	0.113	82.0	76.8	91.2	74.5	139.4	73.5	0.853	79	124	SE by S	35	...	Fine with passing clouds.
26	29.921	0.110	82.9	77.1	91.4	76.3	142.2	74.9	0.854	76	109	E S E	30	...	Do.
27	29.905	0.131	81.7	76.3	91.8	74.7	143.7	72.7	0.835	77	110	SE by E	45	...	Do.
28	29.858	0.131	82.7	76.7	93.8	74.9	147.1	72.5	0.839	75	131	SE by S	20	...	Fine.
29	29.812	0.123	83.3	77.3	90.9	76.5	145.1	74.0	0.857	75	184	SE by S	30	...	Fine with passing clouds.
30	29.795	0.111	83.8	77.7	91.1	77.3	145.3	74.7	0.868	75	191	S S E	30	...	Do.
Mean	29.866	0.130	82.7	77.0	91.8	75.5	143.0	72.4	0.855	77	179	S S E	27	1.66	

Madras Meteorological Observations. 1884—May.

May 1884	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Volo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.805	0.147	83.5	77.8	91.6	76.3	144.3	74.3	0.877	75	191	S S E	37	...	Fine with passing clouds.
2	29.825	0.123	84.1	78.2	90.6	78.2	141.3	73.7	0.886	75	214	S S E	30	...	Do.
3	29.822	0.131	83.3	77.4	91.0	77.9	143.2	75.3	0.861	75	181	SE by S	38	...	Do.
4	29.809	0.157	83.7	78.1	91.2	77.5	141.9	73.7	0.887	77	189	S S E	40	...	Do.
5	29.802	0.116	83.9	77.9	90.3	77.3	144.9	75.0	0.876	75	198	S S E	42	...	Passing clouds.
6	29.831	0.198	84.2	78.5	91.8	80.5	147.1	78.8	0.900	77	170	S S E	63	...	Do.
7	29.787	0.127	84.4	78.7	92.0	77.5	142.6	75.5	0.905	76	174	S S E	50	...	Do.
8	29.740	0.199	80.5	75.1	90.6	71.5	132.9	66.3	0.799	76	91	SW by W	68	0.53	Th.-storm 4 p.m.: cly. day: fine night.
9	29.696	0.126	84.3	78.7	95.8	75.5	143.5	74.2	0.907	77	188	S by E	35	...	Fine with p. clouds: th. & lg. S. W.
10	29.766	0.133	83.8	76.7	95.9	77.7	137.7	74.5	0.824	72	170	South	42	...	Fine with passing clouds.
11	29.802	0.112	83.9	78.6	90.6	77.1	142.3	75.3	0.908	78	158	SE by S	35	...	Fine with passing clouds: lg. W.
12	29.798	0.174	84.1	79.4	92.3	77.7	146.0	75.5	0.942	81	146	SE by S	60	...	Passing clouds.
13	29.747	0.122	85.2	79.4	97.4	77.9	143.9	75.5	0.927	75	129	S S E	45	...	Do.
14	29.669	0.149	87.6	79.9	105.5	80.4	153.2	78.6	0.917	69	151	S by W	43	...	Passing clouds: th. and lg.
15	29.636	0.106	89.3	79.1	102.6	83.4	151.7	81.0	0.857	63	178	S by W	82	...	Hazy.
16	29.656	0.124	90.3	78.7	101.8	85.5	149.7	82.0	0.825	58	182	S S W	45	...	Passing clouds.
17	29.662	0.098	89.9	80.2	107.5	83.6	152.5	82.1	0.901	63	230	S S W	35	...	Fine with passing clouds: lg. W.
18	29.718	0.104	90.5	82.1	105.7	84.1	153.6	82.3	0.984	68	242	S S W	22	...	Do.
19	29.758	0.126	89.4	81.1	105.1	83.1	149.9	81.8	0.951	68	206	S by W	30	...	Do.
20	29.741	0.112	90.2	82.1	105.2	80.7	150.2	78.7	0.989	70	182	S by E	20	...	Fine.
21	29.717	0.134	90.2	81.8	105.2	82.8	147.7	80.8	0.973	68	184	South	40	...	Fine with passing clouds.
22	29.734	0.098	87.7	79.3	101.5	81.9	147.2	78.7	0.888	67	235	S by E	55	...	Passing clouds.
23	29.739	0.158	87.6	81.5	101.6	80.4	145.7	79.0	0.995	76	243	South	30	...	Fine with passing clouds.
24	29.719	0.158	88.2	79.1	104.0	80.7	151.2	79.5	0.873	66	260	S by W	15	...	Fine.
25	29.699	0.128	89.6	78.9	106.9	82.5	151.2	80.7	0.844	61	289	S by W	10	...	Fine: lg. W.
26	29.729	0.117	88.0	79.4	97.9	82.5	145.7	81.2	0.889	67	281	South	20	...	Fine.
27	29.771	0.108	87.3	81.1	101.6	82.1	147.0	81.3	0.979	76	294	South	10	...	Do.
28	29.765	0.152	87.4	80.1	100.1	82.1	140.5	81.1	0.930	71	277	South	2	...	Do.
29	29.726	0.134	88.6	80.4	105.6	82.0	152.2	81.1	0.928	69	245	S by W	17	...	Do.
30	29.726	0.129	88.3	80.8	103.6	83.3	145.8	82.2	0.951	71	261	S by W	5	...	Do.
31	29.732	0.105	88.2	79.2	101.5	81.9	147.4	80.8	0.877	66	252	South	5	...	Do.
Mean	29.746	0.132	86.7	79.3	98.8	80.2	146.3	78.1	0.905	71	206	South	35	0.53	

Madras Meteorological Observations. 1884—June.

June 1884	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.726	0.120	87.8	79.4	105.4	80.7	152.3	80.7	0.891	67	283	S by W	25	...	Fine.
2	29.741	0.143	88.4	79.1	106.9	81.9	153.3	81.6	0.870	65	185	S by W	30	...	Fine with passing clouds.
3	29.745	0.141	87.6	78.2	107.2	79.7	151.4	78.5	0.839	64	197	S S W	18	...	Fine.
4	29.740	0.123	88.1	77.7	105.0	82.0	149.5	80.5	0.810	61	241	South	25	...	Fine with passing clouds.
5	29.712	0.138	88.3	79.8	104.5	82.7	147.7	81.7	0.895	68	301	South	17	...	Fine.
6	29.736	0.161	89.1	78.9	101.6	83.5	145.4	82.7	0.850	63	227	S S W	15	...	Do.
7	29.695	0.165	88.5	79.2	103.9	81.9	148.5	79.7	0.874	64	279	S S W	10	...	Do.
8	29.698	0.126	89.2	79.0	105.7	81.0	151.3	78.7	0.854	63	215	S by W	5	...	Do.
9	29.674	0.110	89.9	79.0	104.4	81.3	148.5	80.2	0.844	60	255	S S W	30	...	Fine with passing clouds.
10	29.683	0.114	89.9	78.4	105.8	82.1	148.8	80.1	0.818	58	217	S S W	32	...	Do.
11	29.733	0.086	87.7	78.7	101.8	81.8	149.2	80.5	0.860	66	237	S S W	30	...	Do.
12	29.726	0.095	88.5	78.6	103.0	81.2	151.0	80.2	0.845	63	171	S W	48	...	Passing clouds: th. N. W.
13	29.702	0.128	87.4	79.5	100.2	82.3	142.5	81.1	0.900	69	245	S S W	25	...	Fine.
14	29.687	0.107	88.3	79.8	104.1	83.1	149.7	82.0	0.902	68	235	SW by S	35	...	Passing clouds.
15	29.739	0.069	87.6	78.7	98.7	82.9	145.8	82.7	0.861	66	252	S S W	52	...	Do.
16	29.763	0.105	86.0	77.1	99.6	83.0	133.6	82.1	0.811	65	232	S S W	90	0.05	Overcast: lg. W.
17	29.759	0.112	83.6	77.8	96.9	78.3	139.8	77.0	0.876	76	200	S W	87	0.31	Overcast: thunderstorm.
18	29.727	0.110	84.3	78.2	93.9	74.8	144.6	71.6	0.883	75	172	SW by W	100	...	Overcast: lg. W.
19	29.733	0.128	83.7	77.4	91.3	79.2	115.9	77.8	0.856	74	167	W S W	100	0.59	Overcast: lg. W.: rain.
20	29.733	0.142	85.2	78.5	96.1	76.9	138.0	75.2	0.886	73	207	S S W	67	...	Cloudy.
21	29.753	0.147	85.2	77.9	97.8	78.2	138.8	75.7	0.858	73	217	S W	53	...	Passing clouds.
22	29.768	0.143	83.4	76.7	96.7	77.8	132.2	75.4	0.829	72	179	South	52	...	Do.
23	29.757	0.166	86.4	79.0	100.1	79.6	153.7	77.4	0.892	70	189	S by W	53	0.01	Do.
24	29.762	0.126	87.0	78.9	99.0	81.8	149.5	79.8	0.879	69	261	SW by S	42	...	Fine with passing clouds.
25	29.785	0.160	86.2	78.0	101.6	82.0	149.6	81.1	0.849	68	202	S S W	92	...	Cloudy: lg. S. W.
26	29.775	0.077	85.9	76.6	98.2	81.9	143.0	80.8	0.791	64	218	S by W	80	...	Cloudy.
27	29.734	0.117	89.2	76.0	102.9	80.1	145.9	79.1	0.720	52	228	S S W	55	...	Passing clouds.
28	29.712	0.135	89.4	76.5	102.5	81.9	144.1	80.8	0.739	53	262	SW by S	40	...	Fine with passing clouds.
29	29.713	0.139	89.7	74.1	101.4	81.0	146.0	80.2	0.635	45	246	W S W	55	...	Passing clouds.
30	29.743	0.095	86.3	75.9	99.8	82.4	148.8	80.2	0.755	60	227	S S W	65	...	Do.
Mean	29.732	0.124	87.3	78.1	101.2	80.9	145.3	79.5	0.839	65	225	S S W	48	0.96	

Madras Meteorological Observations. 1884—July.

July 1884	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.698	0.140	87.7	76.0	99.0	78.5	136.0	77.3	0.741	57	178	W by S	97	...	Cloudy.
2	29.710	0.123	86.1	75.5	100.4	82.8	146.4	79.8	0.742	60	245	SW by S	70	0.06	Do.
3	29.747	0.131	85.3	77.6	98.3	78.7	143.1	74.8	0.844	69	178	S by W	75	...	Do.
4	29.786	0.133	88.1	78.3	98.8	82.1	144.4	80.7	0.838	63	219	South	37	...	Fine with passing clouds.
5	29.765	0.155	83.7	76.9	96.9	77.2	142.0	74.4	0.834	72	207	S by W	43	1.20	P. cls. : thunderstorm about 7 P.M.
6	29.764	0.114	81.9	76.9	90.0	75.4	133.6	74.3	0.860	79	176	S W	92	0.04	Cloudy.
7	29.727	0.109	84.9	78.7	97.9	78.8	140.9	76.8	0.898	75	195	SW by S	45	0.87	P. cls. : thunderstorm after 11 P.M.
8	29.717	0.149	83.3	76.5	94.9	76.3	142.2	74.4	0.822	72	201	SW by S	55	0.05	Passing clouds.
9	29.698	0.108	84.5	76.3	92.1	80.4	128.7	79.4	0.797	67	174	W S W	100	0.02	Overcast.
10	29.620	0.125	83.8	77.7	96.0	79.5	138.6	78.6	0.869	75	192	W by S	95	0.02	Cloudy.
11	29.606	0.112	87.8	75.1	97.9	81.9	147.7	78.8	0.701	53	227	W S W	87	0.01	Do.
12	29.640	0.128	87.2	77.3	99.8	80.4	149.2	78.4	0.804	62	225	SW by W	70	0.15	Cloudy : rain.
13	29.663	0.197	84.2	77.0	98.4	76.3	148.6	75.8	0.832	71	189	SW by S	38	...	Fine with passing clouds.
14	29.735	0.167	85.6	75.5	98.2	80.4	142.1	79.0	0.749	61	232	SW by S	22	...	Do.
15	29.702	0.176	86.8	77.2	101.1	80.5	142.8	78.8	0.806	63	192	S S W	40	...	Do.
16	29.699	0.077	84.4	74.4	88.1	82.2	99.8	81.6	0.718	60	159	W by S	95	...	Cloudy.
17	29.711	0.118	86.6	76.0	99.9	77.2	146.3	75.7	0.756	60	197	SW by S	70	...	Passing clouds.
18	29.746	0.129	84.6	76.9	100.1	78.4	151.6	75.7	0.822	69	180	South	55	...	Do.
19	29.788	0.119	85.3	75.2	95.4	81.1	127.1	77.2	0.740	61	179	S W	65	...	Do.
20	29.756	0.104	85.5	75.7	96.0	81.7	132.5	78.8	0.757	62	187	S by W	87	0.05	Cloudy.
21	29.744	0.136	85.1	76.6	100.4	79.3	147.7	77.3	0.802	66	185	South	65	...	Do.
22	29.742	0.113	85.5	76.0	100.0	81.0	147.4	77.7	0.771	63	204	S by W	60	...	Passing clouds.
23	29.724	0.128	85.5	76.1	94.8	80.5	138.1	79.7	0.775	63	167	S S W	75	...	Cloudy.
24	29.695	0.120	83.8	76.8	94.8	78.4	124.8	75.7	0.828	72	182	S W	90	0.21	Cloudy : rain.
25	29.737	0.113	82.7	77.1	93.3	77.1	133.5	74.8	0.857	77	134	SW by S	85	0.16	Do. : do.
26	29.765	0.123	82.9	76.7	93.3	75.0	134.4	74.8	0.836	74	162	S S W	65	...	Passing clouds.
27	29.776	0.142	82.7	75.6	100.0	79.6	145.6	77.9	0.791	71	200	S W	63	0.48	Passing clouds: th. & lg. N. W. : rain.
28	29.736	0.182	81.0	74.4	95.9	75.5	140.1	74.7	0.764	72	186	S W	70	0.12	Cloudy : rain.
29	29.722	0.120	81.1	76.1	92.1	76.4	140.4	75.2	0.834	78	155	S S W	92	0.07	Cloudy.
30	29.739	0.121	85.7	77.0	95.6	77.2	132.9	75.3	0.811	65	157	SW by S	77	...	Do.
31	29.730	0.156	85.2	74.8	94.7	81.4	141.3	78.7	0.723	59	216	SW by W	97	0.04	Do.
Mean	29.722	0.131	84.8	76.4	96.6	79.1	139.0	77.2	0.797	67	190	SW by S	70	3.55	

Madras Meteorological Observations. 1884—August.

August 1884	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass			Daily Velo- city	Mean Direc- tion			
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity					
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.698	0.158	85.1	76.4	98.7	78.0	152.0	73.9	0.793	65	217	W S W	75	0.31	Cloudy.
2	29.729	0.116	81.4	76.0	96.2	76.1	140.3	74.7	0.826	77	211	SW by W	77	0.11	Do.
3	29.751	0.148	82.7	75.6	94.6	76.5	142.3	75.9	0.791	71	208	S W	65	...	Do.
4	29.727	0.119	84.5	76.2	96.9	79.7	146.2	78.5	0.793	67	187	S W	73	...	Do.
5	29.689	0.164	86.1	75.9	100.1	79.9	145.0	76.7	0.758	61	209	S W	72	...	Do.
6	29.687	0.130	84.8	76.3	96.5	79.3	144.7	78.7	0.793	66	209	South	50	...	Passing clouds.
7	29.717	0.119	85.2	77.3	97.0	77.4	143.3	76.0	0.831	68	199	South	50	...	Do.
8	29.697	0.110	84.4	76.6	93.9	77.6	149.8	76.2	0.812	69	193	SW by S	45	...	Do.
9	29.701	0.095	82.6	75.8	97.3	77.0	152.4	75.7	0.801	72	223	SW by S	67	...	Do.
10	29.730	0.147	84.0	76.1	94.6	76.9	151.5	75.7	0.795	68	178	S S W	62	...	Do.
11	29.788	0.097	82.9	75.7	96.1	73.9	143.0	71.9	0.792	69	226	S W	50	...	Fine with passing clouds: lg. S. W.
12	29.783	0.117	83.6	76.7	97.1	76.5	151.6	74.2	0.826	72	202	S S W	40	...	Fine with passing clouds.
13	29.758	0.139	84.0	76.9	98.8	77.9	150.4	76.7	0.830	72	220	S S W	20	0.43	Fine till 11 P.M.: lg. N. W.: rain.
14	29.743	0.119	82.1	76.6	92.2	73.1	140.3	72.7	0.843	77	224	SW by S	80	0.29	Cloudy: th. lg. and rain.
15	29.748	0.116	84.3	75.4	93.8	77.9	140.5	74.7	0.761	64	187	S W	80	0.03	Cloudy.
16	29.750	0.128	84.0	75.5	97.8	74.7	142.7	73.7	0.770	66	208	SW by S	47	...	Fine with passing clouds.
17	29.743	0.131	85.5	75.2	97.3	78.5	143.1	77.9	0.737	60	223	SW by S	43	...	Do.
18	29.737	0.144	84.9	76.4	97.7	78.2	150.1	76.7	0.796	66	182	S S W	50	...	Passing clouds.
19	29.741	0.135	85.9	75.1	95.9	79.2	142.3	77.7	0.727	58	214	S by W	55	...	Do.
20	29.757	0.175	85.1	76.1	95.9	75.7	147.1	74.2	0.780	64	166	S W	50	0.14	Passing clouds: rain.
21	29.750	0.116	85.2	77.2	100.6	77.0	151.0	75.4	0.827	68	204	S S W	42	...	Passing clouds: lg. N. & W.
22	29.766	0.116	84.2	75.9	97.5	77.3	152.0	74.7	0.784	67	169	W by S	76	0.04	Cloudy.
23	29.780	0.150	84.8	75.7	97.3	77.1	151.5	75.0	0.767	64	177	S by E	52	0.09	Passing clouds.
24	29.756	0.140	84.4	75.5	96.2	77.9	146.9	76.2	0.764	64	186	S W	65	0.04	Do.
25	29.716	0.120	83.3	76.1	92.2	77.6	132.3	73.7	0.805	70	128	SW by S	85	0.06	Cloudy.
26	29.665	0.113	85.3	74.9	96.1	77.6	142.6	76.0	0.726	59	185	SW by S	95	...	Do.
27	29.671	0.150	85.9	74.7	95.9	78.9	141.4	78.2	0.710	58	276	SW by W	80	...	Do.
28	29.721	0.118	87.5	75.7	98.6	79.6	153.7	78.7	0.731	56	284	S W	60	...	Passing clouds.
29	29.792	0.149	85.4	76.0	98.3	78.1	152.6	76.3	0.772	63	247	SW by S	63	...	Do.
30	29.835	0.132	87.1	77.0	97.7	80.6	145.3	77.9	0.793	62	178	S by W	65	...	Cloudy
31	29.833	0.158	81.5	77.0	91.7	76.1	146.7	79.3	0.868	81	128	SW by S	77	0.05	Do.
Mean	29.741	0.131	84.4	76.0	96.5	77.5	143.1	75.9	0.784	67	202	SW by S	61	1.59	

Madras Meteorological Observations. 1884—September.

September 1884	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Dedacod		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Snn	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.822	0.135	81.1	76.5	94.1	76.0	143.8	75.7	0.852	81	139	SW by S	87	0.11	Cloudy: rain.
2	29.811	0.152	87.0	77.2	99.2	78.1	153.6	76.9	0.803	62	190	SW by S	60	...	Passing clouds.
3	29.782	0.144	88.4	75.1	99.5	80.3	151.5	77.2	0.693	51	206	SW by W	55	...	Do.
4	29.767	0.141	87.2	75.1	98.3	82.1	146.2	79.5	0.709	55	241	W S W	75	0.07	Cloudy.
5	29.764	0.130	80.9	75.4	100.1	76.3	151.5	74.3	0.807	76	227	SW by S	67	0.62	Cloudy: rain.
6	29.781	0.145	82.9	76.4	90.3	74.2	132.4	72.8	0.823	73	191	SW by S	75	...	Cloudy.
7	29.767	0.134	82.3	76.8	93.4	75.9	142.8	73.9	0.849	77	237	S S W	52	...	Passing clouds.
8	29.781	0.129	83.3	76.6	96.4	76.4	147.7	74.7	0.826	72	211	SW by S	60	...	Do.
9	29.778	0.116	83.5	76.3	93.6	76.6	144.1	74.3	0.811	70	149	S S E	60	...	Do.
10	29.796	0.118	84.1	75.9	95.6	75.7	150.4	74.5	0.785	68	168	S by E	30	...	Fine with passing clouds.
11	29.824	0.149	84.7	76.8	96.4	77.9	154.4	73.9	0.816	68	167	SE by S	40	...	Do.
12	29.836	0.130	85.6	77.3	98.7	79.7	152.0	77.5	0.826	67	167	South	47	0.59	Cloudy: rain.
13	29.848	0.156	80.4	76.5	85.4	76.2	117.0	75.6	0.861	83	149	South	75	...	Cloudy.
14	29.820	0.160	83.4	77.8	90.6	78.9	121.9	77.3	0.879	77	162	South	95	...	Do.
15	29.817	0.164	79.0	75.1	90.2	69.3	129.8	68.7	0.820	82	108	S W	90	1.01	Thunderstorm at 3 A.M.: Cloudy.
16	29.839	0.168	81.8	76.5	90.6	74.2	141.0	73.4	0.842	78	184	W S W	80	2.18	Overcast: rain.
17	29.822	0.148	80.9	76.3	86.5	73.5	119.1	72.7	0.846	80	118	W S W	95	0.07	Cloudy.
18	29.762	0.183	80.1	76.6	89.5	73.2	127.8	72.7	0.870	85	118	W S W	97	0.25	Cloudy: rain.
19	29.704	0.162	81.4	75.7	90.3	76.1	130.4	74.6	0.813	76	163	W N W	89	0.11	Do. : do.
20	29.683	0.120	81.5	74.5	90.1	75.7	140.8	75.0	0.761	71	148	W by N	90	...	Cloudy.
21	29.676	0.160	82.4	76.8	97.1	76.2	149.8	73.8	0.848	77	227	SW by W	65	0.09	Do.
22	29.738	0.166	82.8	76.5	95.2	77.7	148.4	75.8	0.829	74	242	SW by S	65	...	Do.
23	29.813	0.147	82.1	75.8	95.0	77.3	149.2	75.6	0.808	74	182	S S W	72	...	Do.
24	29.832	0.142	83.7	76.8	94.5	77.2	146.9	75.6	0.829	72	204	S by W	32	...	Fine with passing clouds.
25	29.816	0.171	84.2	76.7	92.4	78.0	147.0	77.0	0.819	70	230	South	43	...	Do.
26	29.812	0.150	83.9	77.4	94.3	79.4	143.0	78.8	0.853	73	214	S by W	45	0.01	Do.
27	29.796	0.164	84.2	78.4	96.3	77.8	149.6	75.8	0.895	75	164	S W	62	0.17	Cloudy: rain.
28	29.803	0.147	79.7	76.0	89.7	73.7	138.0	73.0	0.849	84	157	S W	95	0.19	Do. : do.
29	29.822	0.153	80.0	75.8	87.6	73.2	120.8	72.6	0.836	81	176	W S W	90	0.09	Cloudy.
30	29.817	0.140	80.4	76.4	89.2	74.2	131.2	72.1	0.857	82	131	South	92	...	Do.
Mean	29.791	0.147	82.8	76.4	93.3	76.4	140.7	74.8	0.824	74	179	SW by S	69	5.56	

Madras Meteorological Observations. 1884—October.

October 1884	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.808	0.154	83.0	74.8	92.8	76.6	137.2	75.2	0.753	66	181	S W	70	...	Cloudy.
2	29.784	0.128	82.6	75.2	90.6	76.3	147.3	75.1	0.775	70	173	W S W	70	...	Do.
3	29.818	0.126	84.0	74.9	95.1	77.4	148.5	75.5	0.744	63	140	South	35	...	Fine with passing clouds.
4	29.898	0.117	80.9	77.7	93.0	78.0	154.2	75.8	0.908	86	125	South	47	0.19	Fine with passing clouds : rain.
5	29.896	0.141	81.9	77.0	88.8	77.3	146.0	76.6	0.863	79	111	S S W	30	...	Fine with passing clouds : th. N.
6	29.894	0.143	80.0	76.0	87.5	75.6	143.1	74.2	0.845	82	100	S S W	62	...	Passing clouds : th. & lg. N. & N. W.
7	29.897	0.131	81.1	76.1	88.7	76.3	144.5	74.2	0.834	78	115	E S E	35	0.01	Fine with passing clouds.
8	29.928	0.120	82.0	75.9	90.0	73.8	145.9	71.7	0.814	75	122	E by N	35	...	Do.
9	29.950	0.114	80.9	74.7	90.2	72.1	146.0	68.8	0.777	73	116	N E	15	...	Fine.
10	29.940	0.106	83.7	75.3	91.9	78.9	146.6	71.8	0.766	65	149	N E	20	...	Do.
11	29.903	0.097	81.6	75.0	90.8	73.3	148.1	70.8	0.781	74	137	NE by N	32	0.09	Fine with passing clouds.
12	29.891	0.101	82.5	76.2	91.0	75.7	149.8	74.2	0.820	73	196	NE by N	42	...	Do.
13	29.917	0.128	83.1	76.0	91.9	75.2	148.3	71.8	0.803	70	192	NE by N	48	...	Do.
14	29.900	0.139	82.2	75.5	91.9	75.0	147.0	73.5	0.794	73	175	NE by N	75	0.18	Cloudy : rain.
15	29.872	0.143	78.5	75.2	83.1	74.1	113.2	73.1	0.831	85	175	N by E	95	0.68	Overcast : rain.
16	29.836	0.145	77.3	75.3	84.4	73.2	131.6	72.5	0.852	91	219	N E	100	3.76	Heavy th.-storm at 6 A.M. : Overcast.
17	29.854	0.102	79.6	76.5	85.0	76.3	135.9	74.5	0.873	87	228	East	85	0.33	Cloudy : rain.
18	29.876	0.099	79.5	76.7	87.0	78.6	142.0	75.9	0.883	88	203	E S E	75	1.36	Do. : do.
19	29.928	0.127	76.5	74.9	82.1	73.9	124.5	72.3	0.845	93	113	N N W	100	1.80	Overcast : rain.
20	29.895	0.118	77.4	75.4	80.9	75.5	112.4	74.0	0.854	91	125	N by E	90	2.29	Cloudy : rain.
21	29.880	0.154	78.2	75.4	86.1	74.3	137.3	73.3	0.846	88	131	North	80	0.16	Do. : do.
22	29.867	0.124	80.9	76.5	87.9	74.8	141.7	73.1	0.854	81	120	N by E	50	...	Passing clouds : lg. N.
23	29.888	0.099	76.8	75.2	77.6	76.1	85.3	75.2	0.854	93	107	W by S	100	0.38	Overcast : rain.
24	29.855	0.120	79.7	76.2	87.6	74.9	131.7	73.3	0.858	85	94	W by S	92	1.61	Cloudy : thunderstorm after 11 P.M.
25	29.847	0.147	81.0	75.9	88.0	77.9	141.9	71.3	0.827	78	93	SW by W	88	0.15	Cloudy : rain : th. and lg. S.
26	29.885	0.096	76.3	73.8	83.2	70.5	125.7	69.7	0.802	88	83	West	87	1.25	Thunderstorm 5 to 6 A.M. : p. cls.
27	29.912	0.116	79.9	74.9	87.4	74.4	141.7	72.5	0.799	78	110	N by E	27	...	Fine with passing clouds.
28	29.932	0.130	78.6	74.1	86.8	72.4	140.4	70.3	0.783	80	108	N N E	43	...	Do.
29	29.917	0.138	79.8	75.5	86.5	74.6	140.3	72.3	0.827	81	214	N by E	72	0.31	Cloudy : rain.
30	29.917	0.117	76.1	73.4	81.4	74.1	119.7	71.5	0.788	87	137	N by E	95	0.48	Do. : do.
31	29.895	0.145	78.6	73.7	83.8	74.0	134.7	71.7	0.767	78	169	N by E	62	...	Cloudy.
Mean	29.886	0.125	80.1	75.4	87.5	75.2	137.2	73.1	0.820	80	144	North	63	15.03	

Madras Meteorological Observations. 1884—November.

November 1884	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.876	0.111	79.6	74.0	87.3	73.2	141.7	70.9	0.765	76	154	N N E	55	...	Passing clouds.
2	29.874	0.123	78.3	74.0	86.0	73.5	141.9	71.6	0.783	81	148	N N E	60	...	Do.
3	29.868	0.118	76.0	74.3	81.4	74.1	101.7	71.9	0.827	91	133	N by E	100	2.31	Overcast with rain.
4	29.838	0.100	75.3	73.7	83.1	73.0	119.7	72.2	0.811	93	157	N by E	100	3.13	Overcast.
5	29.883	0.100	74.9	73.1	76.4	72.1	101.7	71.4	0.792	92	201	N N E	100	2.30	Do.
6	29.892	0.145	74.6	73.4	76.9	73.1	94.5	71.6	0.808	95	216	N N E	100	4.62	Do.
7	29.886	0.135	74.9	73.3	78.8	72.9	143.0	71.6	0.800	93	169	N by W	97	5.72	Do.
8	29.905	0.057	74.6	73.1	78.9	72.2	110.3	71.4	0.796	93	134	NE by N	97	3.16	Do.
9	29.902	0.092	74.4	73.4	76.9	72.8	80.5	72.6	0.811	95	125	E N E	100	3.72	Do.
10	29.936	0.112	76.6	74.9	81.4	73.8	112.4	72.6	0.814	93	143	E N E	90	0.11	Cloudy : rain.
11	29.914	0.143	76.9	74.8	83.6	73.9	147.7	72.9	0.835	91	122	N by E	90	0.02	Cloudy.
12	29.908	0.130	77.6	74.9	84.2	74.3	139.0	73.6	0.830	88	176	N N E	65	0.32	Cloudy : rain.
13	29.938	0.129	75.8	73.1	79.1	72.3	100.5	70.9	0.780	88	204	NE by N	97	1.90	Overcast : rain.
14	29.938	0.124	74.9	71.1	81.2	74.1	139.5	71.8	0.712	83	151	North	70	...	Cloudy.
15	29.931	0.145	72.2	67.2	80.4	65.5	140.7	62.6	0.601	76	124	N by W	25	...	Fine with passing clouds.
16	29.938	0.124	71.2	65.7	81.3	64.4	140.7	61.9	0.560	73	111	N by W	42	...	Do.
17	29.971	0.124	71.0	65.3	81.5	62.3	139.8	59.0	0.549	72	94	North	25	...	Do.
18	29.940	0.142	73.0	67.4	82.3	65.0	141.6	61.9	0.598	74	102	North	50	...	Passing clouds.
19	29.872	0.137	74.2	66.7	82.4	67.2	140.5	64.0	0.556	66	158	N by W	45	...	Do.
20	29.830	0.128	76.0	67.0	81.7	69.5	132.7	66.9	0.542	60	250	N N W	75	0.14	Cloudy : rain.
21	29.839	0.078	75.5	72.2	79.5	72.6	100.5	68.0	0.747	85	472	S by W	95	2.06	A cyclone.
22	29.952	0.124	77.7	74.8	86.6	71.7	142.6	69.0	0.824	86	132	E by N	60	0.30	Passing clouds : rain.
23	29.949	0.111	77.8	74.7	84.1	75.0	140.9	73.7	0.820	86	300	N N E	90	0.66	Overcast : rain.
24	29.962	0.088	75.4	73.3	80.6	72.8	102.3	69.5	0.793	90	242	N by E	97	0.04	Cloudy.
25	29.990	0.104	75.2	73.8	78.2	73.6	110.5	71.7	0.816	93	186	NE by N	100	2.94	Overcast with rain.
26	29.997	0.117	76.1	72.7	81.4	72.8	136.1	70.7	0.759	84	218	N N E	60	0.02	Passing clouds.
27	29.994	0.122	75.1	71.5	81.3	68.5	132.0	65.8	0.725	84	243	N by E	48	...	Do.
28	30.029	0.104	75.1	71.8	80.6	72.2	128.5	71.1	0.737	85	183	N by E	95	0.02	Cloudy.
29	30.044	0.121	75.1	71.2	83.0	68.9	138.5	65.9	0.712	81	168	NE by N	35	...	Fine with passing clouds.
30	30.024	0.106	74.0	69.5	81.9	67.9	138.3	63.7	0.662	79	165	N N E	33	...	Do.
Mean	29.927	0.116	75.3	71.9	81.4	71.2	126.0	69.1	0.740	84	179	N N E	73	33.40	

Note.—21st. The southern portion of a somewhat severe cyclone swept over Madras between 3 A.M. and noon. At midnight the barometer reading (reduced) was 29.77, wind N. W. 19 miles per hour. At 4.45 A.M. the wind was due west 28 miles an hour and the barometer 29.61 inches. At 7 A.M. the wind was S. W. and the barometer had reached its lowest point, 29.57 inches. Between 7 and 8 A.M. the wind velocity was 49 miles per hour and the direction oscillated wildly between S.W. by W. and S. by W. During one of the gusts the thermometer shed was blown down. This cyclone is chiefly remembered by the circumstance that it burst the Red Hills' tank from which Madras obtains its water supply. The wind was at its height when the direction was along the greatest length of the tank and the waves thus produced washed away part of the embankment.

Madras Meteorological Observations. 1884—December.

December 1884	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	30.040	0.117	73.5	71.1	81.9	65.9	140.6	61.9	0.731	88	169	N by E	42	...	Fine with passing clouds.
2	30.067	0.118	74.2	70.8	79.2	71.0	101.9	68.9	0.709	84	241	N by E	97	0.04	Cloudy.
3	30.063	0.132	75.1	69.5	82.5	67.6	129.2	65.9	0.648	75	233	N N E	32	...	Fine with passing clouds.
4	30.027	0.145	75.6	70.0	81.7	68.7	140.5	64.9	0.660	75	166	N by E	28	...	Do.
5	30.023	0.120	73.6	69.8	81.7	66.8	135.7	62.9	0.679	82	230	N by E	40	0.04	Do.
6	30.023	0.083	74.3	72.3	81.3	71.8	133.7	71.2	0.769	90	274	N N E	80	0.30	Cloudy: rain.
7	30.037	0.082	75.9	71.8	81.8	68.5	129.2	67.2	0.726	82	293	N by E	72	...	Cloudy.
8	30.009	0.058	76.3	74.3	81.2	74.0	146.9	72.9	0.823	91	291	N by E	65	0.17	Cloudy: rain.
9	29.959	0.116	77.2	72.9	82.1	74.8	140.1	73.3	0.752	81	315	N N E	42	...	Fine with passing clouds.
10	29.953	0.143	76.1	71.0	81.6	72.2	139.1	69.8	0.692	77	235	NE by N	63	...	Cloudy.
11	30.006	0.100	75.4	71.3	82.3	70.8	143.7	67.9	0.713	81	232	N N E	42	...	Fine with passing clouds.
12	30.051	0.098	73.6	70.6	82.7	67.4	143.8	65.5	0.710	86	177	N N E	48	...	Do.
13	30.005	0.151	75.5	71.4	83.6	70.1	140.9	68.9	0.715	81	226	N by E	62	...	Cloudy.
14	29.962	0.111	75.0	72.8	83.4	69.9	144.5	68.9	0.779	89	277	N by W	75	0.01	Do.
15	29.969	0.104	74.2	73.2	80.2	73.1	138.2	72.1	0.806	95	275	N by E	95	2.19	Overcast with rain.
16	30.004	0.129	75.8	72.6	82.4	73.1	134.0	68.8	0.759	85	347	NE by N	90	1.03	Overcast.
17	29.983	0.169	73.3	71.5	76.7	71.2	87.0	69.8	0.749	91	322	NE by E	100	5.13	Do.
18	29.991	0.153	72.3	69.8	73.6	73.2	86.7	67.8	0.696	88	408	NE by E	100	4.35	Do.
19	29.995	0.128	74.6	72.4	83.1	69.2	131.9	68.8	0.768	89	202	E N E	100	0.15	Do.
20	30.005	0.114	76.7	74.4	83.5	72.2	128.2	70.3	0.823	90	161	NE by E	75	0.03	Cloudy.
21	29.968	0.116	75.0	72.2	82.5	70.2	132.7	68.8	0.756	87	108	E by N	60	0.12	Passing clouds: rain.
22	29.948	0.101	74.2	72.9	80.0	72.9	129.6	69.9	0.793	94	98	E by N	80	0.85	Cloudy with rain: fine night.
23	29.951	0.126	75.5	72.7	83.6	69.1	142.1	68.8	0.768	87	92	E by N	45	...	Fine with passing clouds.
24	29.992	0.118	76.4	73.5	83.7	71.0	138.7	68.7	0.790	87	137	NE by E	55	...	Passing clouds.
25	30.013	0.119	76.4	72.4	83.3	71.6	138.7	67.8	0.742	82	197	N E	52	...	Do.
26	29.994	0.123	76.1	72.4	83.6	70.9	136.7	67.8	0.747	84	110	N E	45	...	Fine with passing clouds.
27	29.997	0.099	75.3	71.8	83.4	69.3	137.7	66.8	0.734	84	137	NE by N	40	...	Do.
28	29.994	0.093	75.0	71.5	83.8	69.7	147.0	67.0	0.726	84	146	NE by N	42	...	Do.
29	30.052	0.088	74.4	70.8	83.8	67.9	139.7	64.6	0.707	83	135	NE by N	35	...	Do.
30	30.070	0.093	74.1	70.9	83.0	67.8	140.0	63.9	0.715	85	119	NE by N	30	...	Do.
31	30.032	0.124	74.4	71.6	84.1	67.7	142.9	65.0	0.739	86	68	E N E	40	...	Do.
Mean	30.006	0.115	75.0	71.8	82.0	70.3	133.6	67.6	0.739	85	207	NE by N	60	14.41	

Note.—The heavy rain on the 17th and 18th was due to a cyclone which formed to the east of Trincomalee, crossed the coast near Negapatam on the morning of the 18th, and marched rapidly across the south of the Peninsula.

Madras Mean Monthly and Annual Meteorological Results in 1884.

	Barometer		Dry Bulb Thermometer				Wet Bulb		Tension of Vapour	Relative Humidity	Gun Maximum	Minimum on Grass	Wind		Rain		Clear Sky	
	Reduced to 32°	Daily Range	Mean	Max.	Min.	Range	Mean	Min.	By	Blanford's Tables	Gun	Minimum	Daily Velocity	Mean Direction	Amount	Days		
Inches	Inches	°	°	°	°	°	°	°	Inches	Cents	°	°	Miles	Points	Points	Inches	No.	Cents
January	30.044	0.123	73.6	82.1	66.6	15.5	68.7	65.2	0.641	77	137.6	63.4	152	3	N E by N	2.14	3	50
February	29.996	0.147	74.7	85.0	66.1	18.9	69.9	65.2	0.669	77	142.2	61.4	105	10	E S E	...	...	74
March	29.900	0.136	78.9	89.3	70.6	18.7	74.0	69.7	0.782	78	144.0	66.4	144	13	S E by S	...	...	85
April	29.866	0.130	82.7	91.8	75.5	16.3	77.0	74.0	0.855	77	143.0	72.4	179	14	S S E	1.66	1	73
May	29.746	0.132	86.7	98.8	80.2	18.6	79.3	76.1	0.905	71	146.3	78.1	206	16	South	0.53	1	65
June	29.732	0.124	87.3	101.2	80.9	20.3	78.1	75.3	0.839	65	145.3	79.5	225	18	S S W	0.96	4	52
July	29.722	0.131	84.8	96.6	79.1	17.5	76.4	73.8	0.797	67	139.0	77.2	190	19	S W by S	3.55	16	30
August	29.741	0.131	84.4	96.5	77.5	19.0	76.0	73.3	0.784	67	143.1	75.9	202	19	S W by S	1.50	11	39
September	29.791	0.147	82.8	93.3	76.4	16.9	76.4	72.9	0.824	74	140.7	74.8	179	19	S W by S	5.56	14	31
October	29.886	0.125	80.1	87.5	75.2	12.3	75.4	72.8	0.820	80	137.2	73.1	144	0	North	15.03	17	37
November	29.927	0.116	75.3	81.4	71.2	10.2	71.9	69.8	0.740	84	126.0	69.1	179	2	N N E	33.49	19	27
December	30.006	0.115	75.0	82.0	70.3	11.7	71.8	68.9	0.739	85	133.6	67.6	207	3	N E by N	14.41	13	40
Annual	29.863	0.130	80.5	90.5	74.1	16.3	74.6	71.4	0.783	75	139.8	71.6	176	11	S E by E	78.92	99	50

Madras Extreme Monthly Meteorological Records in 1884.

	Barometer			Dry Bulb Thermometer			Wet Bulb		Humidity		Sun Thermometer		Grass Thermometer	Wind		Rain	
	Highest	Lowest	Range	Highest	Lowest	Range	Lowest	Lowest	Lowest	Day	Highest	Lowest	Lowest	Highest	Lowest	Inches	Day
January ...	30.175	29.908	17	84.1	60.7	23.4	60.0	31	50	10	147.5	16	55.6	31	73	1.27	4
February ..	30.178	29.810	16	90.4	59.4	31.0	58.6	7	56	20	146.0	24	53.7	6	57	...	...
March	30.063	29.760	17	93.6	66.0	27.6	65.3	2	51	25	148.2	11	60.6	6	55	...	...
April	29.985	29.735	30	90.8	69.9	20.9	69.4	3	40	15	150.9	15	65.9	4	108	1.66	21
May	29.932	29.581	15	107.5	71.5	36.0	71.2	8	41	16	153.6	18	66.3	8	91	0.53	8
June	29.843	29.610	7	107.2	74.8	32.4	71.5	30	27	29	153.7	23	71.6	18	167	0.59	19
July	29.841	29.536	13	101.1	75.0	26.1	71.3	21	34	1	151.6	18	74.3	6	134	1.20	5
August	29.897	29.581	27	100.6	73.1	27.5	70.8	11	40	19	153.7	28	71.9	11	128	0.43	13
September ..	29.925	29.586	21	100.1	69.3	30.8	68.6	15	33	3	154.4	11	68.7	15	108	2.18	16
October	29.998	29.719	2	95.1	70.5	24.6	69.1	11	46	3	154.2	4	68.8	9	83	3.76	16
November ..	30.102	29.780	4	87.3	62.3	25.0	61.2	17	46	19	147.7	11	59.0	17	94	5.72	7
December ..	30.136	29.876	10	84.1	65.9	18.2	65.8	1	58	5	147.0	28	61.9	1	68	5.13	17

Madras Meteorological Observations. 1885—January.

January 1885	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	30.023	0.126	75.1	70.8	83.7	68.4	144.9	66.0	0.697	80	82	East	40	...	Fine with passing clouds.
2	30.096	0.101	75.3	70.7	84.9	68.8	142.3	66.6	0.691	79	108	E N E	47	...	Do.
3	30.116	0.111	76.8	71.3	84.1	69.7	142.4	67.6	0.694	75	168	NE by E	40	...	Do.
4	30.094	0.127	76.0	70.7	84.1	69.4	142.9	67.2	0.682	76	153	NE by E	40	...	Do.
5	30.092	0.131	75.0	69.7	82.9	68.3	140.4	65.1	0.657	76	173	N E	35	...	Do.
6	30.099	0.131	76.6	69.4	83.7	71.7	142.9	68.4	0.623	68	233	NE by N	28	...	Do.
7	30.069	0.144	76.2	70.1	83.8	72.4	139.1	69.7	0.656	73	219	N E	25	...	Do.
8	30.038	0.162	73.9	68.4	82.7	67.5	143.1	63.9	0.622	74	124	N E	35	...	Do.
9	30.036	0.130	73.6	69.2	83.4	64.4	135.7	60.4	0.656	79	116	NE by N	35	...	Do.
10	30.015	0.129	75.4	70.2	83.9	68.0	142.1	64.6	0.670	76	152	NE by E	25	...	Do.
11	30.009	0.103	74.4	69.2	83.3	67.6	137.1	64.6	0.645	76	131	E N E	35	...	Do.
12	30.022	0.088	74.1	69.5	83.3	66.4	141.7	62.9	0.661	79	139	NE by E	30	...	Do.
13	30.014	0.142	74.4	68.7	83.9	66.9	141.4	63.4	0.627	73	140	N E	30	...	Do.
14	30.010	0.137	75.3	69.7	83.6	67.2	138.5	63.4	0.653	75	135	E N E	30	...	Do.
15	30.005	0.145	74.6	67.8	83.9	68.0	140.5	64.4	0.590	69	135	NE by E	27	...	Do.
16	30.042	0.127	74.6	68.8	84.4	68.0	140.0	63.6	0.628	73	118	N E	27	...	Do.
17	30.065	0.121	74.2	69.8	83.9	67.9	141.6	65.8	0.671	79	134	N E	40	...	Do.
18	30.080	0.093	75.4	70.5	83.3	67.8	142.6	63.8	0.682	78	152	NE by N	40	...	Do.
19	30.090	0.122	74.3	69.8	84.2	66.9	142.4	63.2	0.669	79	144	NE by N	25	...	Do.
20	30.103	0.123	73.8	69.4	84.6	66.1	141.6	62.3	0.659	80	120	NE by N	30	...	Do.
21	30.101	0.108	72.8	68.3	83.6	64.2	140.0	60.2	0.633	78	76	E N E	25	...	Do.
22	30.129	0.114	75.1	69.3	84.3	64.7	142.5	60.0	0.641	73	126	E N E	25	...	Do.
23	30.130	0.137	76.9	70.7	84.5	68.4	139.7	65.9	0.669	72	172	NE by E	35	...	Do.
24	30.097	0.121	76.5	70.3	84.1	69.3	143.4	66.4	0.659	73	164	NE by E	30	...	Do.
25	30.094	0.096	73.6	69.0	83.6	64.8	139.5	60.2	0.649	79	141	N E	27	...	Do.
26	30.091	0.124	72.2	66.6	83.5	62.0	144.0	57.5	0.579	73	115	N E	25	...	Do.
27	30.054	0.140	74.1	68.6	84.2	63.5	141.8	59.8	0.627	74	129	NE by E	20	...	Fine.
28	30.046	0.106	76.1	72.4	85.7	69.0	146.2	66.2	0.747	83	137	E N E	47	0.01	Fine with passing clouds.
29	30.029	0.119	77.8	73.2	85.9	70.7	141.8	67.2	0.757	80	145	E by N	45	...	Do.
30	30.031	0.071	75.0	71.1	84.7	67.9	139.7	64.1	0.710	82	93	East	40	...	Do.
31	30.031	0.108	73.2	68.2	84.3	65.3	139.7	61.2	0.624	76	72	East	45	...	Do.
Mean	30.063	0.121	74.9	69.7	84.0	67.4	141.3	64.1	0.659	76	137	NE by E	33	0.01	

Madras Meteorological Observations. 1885—February.

February 1885	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	30.019	0.003	72.9	66.2	84.2	64.2	139.8	59.7	0.555	68	87	East	38	...	Fine with passing clouds.
2	30.005	0.104	72.5	67.4	82.0	63.4	144.3	59.6	0.604	76	85	E S E	22	...	Do.
3	30.011	0.115	74.6	68.8	84.3	65.8	140.6	62.2	0.628	73	99	S E	30	...	Do.
4	29.994	0.124	73.8	68.4	82.8	65.5	143.4	61.1	0.623	74	75	SE by E	23	...	Do.
5	29.952	0.147	74.2	68.6	82.3	65.2	137.6	61.1	0.626	74	94	S E	27	...	Do.
6	22.978	0.137	74.7	68.9	83.8	65.2	139.0	60.7	0.631	73	98	S E	20	...	Fine.
7	29.931	0.163	74.8	69.4	84.1	66.1	141.8	61.1	0.647	74	108	S E	28	...	Fine with passing clouds.
8	29.918	0.119	74.0	67.5	84.2	64.7	138.0	60.1	0.588	70	95	S E	35	...	Do.
9	29.891	0.120	74.9	69.0	83.1	64.4	140.3	60.5	0.631	77	111	SE by E	30	...	Do.
10	29.912	0.063	74.9	68.8	83.1	67.4	140.4	64.3	0.624	72	104	S E	25	...	Do.
11	29.940	0.065	75.2	69.7	84.4	67.4	142.4	63.9	0.654	75	103	SE by E	32	...	Do.
12	29.960	0.107	76.3	69.7	85.1	66.7	144.0	62.5	0.639	71	106	SE by E	33	...	Do.
13	29.969	0.131	77.0	70.4	85.7	66.5	144.6	62.4	0.656	71	122	E S E	30	...	Do.
14	29.953	0.148	75.7	70.0	85.4	68.0	141.8	64.1	0.658	74	95	E S E	22	...	Do.
15	29.934	0.119	76.3	70.4	85.6	65.1	140.7	62.1	0.665	73	130	SE by E	10	...	Fine.
16	29.885	0.158	77.3	72.0	85.7	70.0	145.2	66.8	0.715	75	142	SE by S	20	...	Do.
17	29.852	0.171	77.3	72.2	85.2	69.6	143.3	66.3	0.723	76	176	SE by S	27	...	Fine with passing clouds.
18	29.859	0.135	79.5	74.7	87.4	73.3	143.9	71.7	0.796	79	182	S S E	25	...	Do.
19	29.897	0.065	79.5	74.5	86.9	72.8	140.9	69.5	0.788	78	168	S S E	25	...	Do.
20	29.965	0.121	78.9	73.7	87.3	72.2	141.9	69.5	0.763	77	149	E S E	30	...	Do.
21	29.969	0.134	79.0	73.2	88.3	71.2	146.3	68.5	0.741	76	100	E by S	30	...	Do.
22	29.953	0.118	78.4	73.4	85.9	71.3	143.7	69.1	0.757	78	106	E S E	40	...	Do.
23	29.931	0.146	77.7	72.1	85.9	70.2	143.1	67.5	0.714	75	104	E S E	28	...	Do.
24	29.913	0.116	76.7	72.0	85.6	68.6	142.7	65.0	0.723	78	102	SE by E	32	...	Do.
25	29.915	0.111	76.8	71.8	87.0	68.2	143.7	65.2	0.714	77	110	SE by E	30	...	Do.
26	29.965	0.085	77.4	72.7	87.9	69.0	145.9	65.9	0.742	79	115	E S E	32	...	Do.
27	29.982	0.158	78.6	72.8	88.5	70.1	145.3	67.3	0.729	75	118	E by S	27	...	Do.
28	29.939	0.150	78.4	70.2	87.9	68.7	145.3	64.6	0.630	63	123	E by S	30	...	Do.
Mean	29.943	0.122	76.3	70.7	85.3	67.9	142.5	64.4	0.677	74	115	SE by E	28	Nil.	

Madras Meteorological Observations. 1885—March.

March 1885	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.952	0.131	76.2	69.6	87.0	66.4	145.0	63.5	0.686	71	120	E by S	35	...	Fine with passing clouds.
2	29.981	0.141	78.8	72.0	87.4	69.8	147.1	66.1	0.695	72	125	E by S	30	...	Do.
3	29.976	0.133	77.9	71.7	87.9	69.0	147.8	64.3	0.695	74	114	East	30	...	Do.
4	29.943	0.126	78.6	72.8	87.7	69.6	141.8	67.3	0.730	75	118	E by S	42	...	Do.
5	29.969	0.118	79.7	74.4	87.9	73.1	145.3	71.2	0.779	78	153	E S E	35	...	Do.
6	29.971	0.110	78.9	72.7	88.2	72.2	144.0	69.4	0.721	73	111	E S E	25	...	Do.
7	29.975	0.138	77.4	72.0	87.1	69.2	143.2	65.3	0.713	75	105	E S E	30	...	Do.
8	29.973	0.113	77.2	71.7	85.7	69.4	139.6	65.3	0.704	75	122	S E	5	...	Fine.
9	29.924	0.156	76.6	71.3	85.8	67.6	142.0	64.2	0.697	76	113	SE by S	20	...	Do.
10	29.939	0.118	78.6	72.5	89.2	69.5	142.6	66.3	0.717	74	125	S E	5	...	Do.
11	29.965	0.130	78.3	72.2	87.1	69.2	141.8	65.4	0.710	74	142	S E	20	...	Do.
12	30.002	0.110	78.8	72.5	88.1	70.0	143.4	67.3	0.716	73	124	SE by E	15	...	Do.
13	30.002	0.112	79.2	73.0	88.7	70.1	143.4	66.3	0.730	74	104	E S E	20	...	Do.
14	29.960	0.160	79.2	73.7	87.7	70.7	142.0	65.8	0.758	75	115	S E	5	...	Do.
15	29.938	0.163	78.7	73.1	86.6	71.2	136.5	67.3	0.741	76	138	SE by S	12	...	Do.
16	29.931	0.136	79.5	72.5	87.4	70.3	142.8	67.1	0.706	70	186	S S E	7	...	Do.
17	29.973	0.120	80.0	74.1	88.0	70.8	143.1	68.0	0.764	74	203	SE by S	15	...	Do.
18	30.014	0.128	81.4	74.8	89.8	75.3	146.5	72.8	0.775	73	144	SE by E	20	...	Do.
19	29.998	0.148	80.5	73.6	88.7	72.4	143.1	70.4	0.737	71	133	SE by E	25	...	Do.
20	29.977	0.171	80.6	73.8	88.5	72.7	142.0	64.2	0.744	71	135	SE by E	18	...	Do.
21	29.921	0.163	80.7	74.1	88.3	73.2	143.1	71.1	0.755	72	171	S E	20	...	Do.
22	29.910	0.157	79.7	72.0	91.5	72.0	154.7	66.0	0.683	67	182	S by E	65	0.01	Cloudy : thunderstorm.
23	29.883	0.159	80.9	75.8	88.9	73.7	144.2	71.9	0.824	78	139	S by E	47	0.58	Thunderstorm with hail after 4 p.m.
24	29.870	0.148	80.8	76.8	89.5	74.4	143.5	73.2	0.869	83	136	S S E	30	...	Fine with passing clouds.
25	29.867	0.154	82.1	77.1	91.7	76.1	160.7	74.0	0.865	79	148	S S E	18	...	Fine.
26	29.890	0.150	81.1	76.8	87.9	74.4	143.1	72.1	0.865	82	152	S S E	20	...	Do.
27	29.886	0.151	80.1	75.8	88.8	72.4	143.1	70.0	0.834	81	156	S S E	15	...	Do.
28	29.876	0.168	79.8	74.5	88.1	71.6	142.1	69.8	0.784	77	145	S S E	15	...	Do.
29	29.893	0.114	79.4	74.3	88.6	71.5	142.6	69.0	0.781	78	111	SE by S	20	...	Do.
30	29.895	0.134	79.4	73.6	88.8	69.6	145.7	67.0	0.752	75	104	SE by E	20	...	Do.
31	29.870	0.158	80.8	74.9	89.7	72.3	146.1	69.2	0.787	74	123	SE by E	15	...	Do.
Mean	29.939	0.139	79.4	73.5	88.3	71.3	144.3	68.1	0.751	75	135	S E	23	0.59	

Madras Meteorological Observations. 1885—April.

April 1885	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather.
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.896	0.134	79.1	74.1	88.6	73.4	147.3	70.4	0.777	78	92	SE by E	17	...	Fine.
2	29.919	0.114	80.8	75.0	90.4	71.4	144.7	69.2	0.792	75	116	SE by E	18	...	Do.
3	29.921	0.102	82.3	76.1	90.2	75.0	145.5	71.4	0.818	74	141	S E	15	...	Do.
4	29.879	0.138	82.9	76.6	95.6	74.9	149.1	73.4	0.832	74	181	S S E	20	...	Do.
5	29.872	0.150	83.6	76.8	93.8	76.2	149.0	74.4	0.831	72	196	S S E	15	...	Do.
6	29.803	0.158	83.8	77.6	91.2	76.9	149.9	75.5	0.864	75	214	S S E	20	...	Do.
7	29.785	0.123	83.7	78.6	92.1	77.4	147.9	75.6	0.911	79	233	S S E	17	...	Do.
8	29.865	0.103	83.5	78.0	90.5	76.4	143.6	74.4	0.886	77	223	S S E	23	...	Do.
9	29.887	0.143	82.3	76.4	90.0	76.4	145.4	74.6	0.831	75	179	S E	20	...	Do.
10	29.853	0.158	81.7	75.5	91.1	73.8	145.9	71.7	0.801	74	161	S S E	10	...	Do.
11	29.855	0.153	81.5	76.4	90.0	73.5	144.5	72.2	0.842	78	162	S by E	20	...	Do.
12	29.847	0.122	81.9	76.6	91.4	74.3	144.1	72.4	0.845	78	186	S S E	15	...	Do.
13	29.866	0.126	82.1	76.0	91.7	74.5	145.0	73.4	0.817	75	191	S S E	10	...	Do.
14	29.848	0.168	82.9	76.5	91.4	75.2	144.9	73.4	0.827	73	177	S S E	10	...	Do.
15	29.805	0.133	81.6	75.4	90.8	74.4	142.4	72.6	0.798	74	171	S S E	10	...	Do.
16	29.826	0.084	80.8	74.9	89.3	72.5	142.5	70.5	0.787	74	174	S S E	10	...	Do.
17	29.886	0.127	81.4	74.3	89.2	72.6	144.3	70.6	0.754	71	151	SE by S	10	...	Do.
18	29.879	0.134	81.1	73.9	89.4	70.6	144.6	68.2	0.741	71	171	SE by S	10	...	Do.
19	29.825	0.159	84.0	77.1	94.8	74.2	148.7	71.2	0.838	72	192	S S E	5	...	Do.
20	29.829	0.120	84.0	77.1	91.4	77.2	146.1	74.5	0.838	72	214	S S E	12	...	Do.
21	29.834	0.117	83.8	78.7	91.6	78.4	147.3	77.2	0.914	79	237	SE by S	10	...	Do.
22	29.822	0.157	84.9	77.9	93.1	78.6	146.1	77.2	0.863	72	225	SE by S	5	...	Do.
23	29.821	0.130	83.8	78.4	91.2	78.1	145.9	76.4	0.900	77	192	S S E	18	...	Do.
24	29.889	0.110	83.1	75.5	92.5	74.2	145.1	71.2	0.782	69	157	S S E	5	...	Do.
25	29.888	0.128	84.1	76.7	92.8	74.4	144.7	72.2	0.820	68	165	SE by S	10	...	Do.
26	29.821	0.170	83.6	76.2	95.6	74.6	146.1	68.2	0.805	69	179	S S E	10	...	Do.
27	29.807	0.134	83.3	77.2	93.0	76.4	142.1	74.4	0.850	75	210	S S E	17	...	Do.
28	29.828	0.127	84.1	77.7	92.4	76.9	144.1	74.4	0.864	74	222	S S E	18	...	Do.
29	29.803	0.175	86.4	79.5	95.7	80.3	148.9	78.6	0.914	72	276	S by E	15	...	Do.
30	29.805	0.143	85.5	77.7	95.1	80.2	147.3	73.7	0.845	69	243	S S E	40	...	Fine with passing clouds.
Mean	29.849	0.135	82.9	76.6	91.9	75.4	145.8	73.1	0.833	74	188	S S E	15	Nil.	

Madras Meteorological Observations. 1885—May.

May 1885	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.820	0.132	84.7	79.1	91.0	78.3	143.3	77.2	0.910	77	249	S S E	30	...	Fine with passing clouds.
2	29.834	0.128	83.6	78.6	95.7	78.2	138.5	77.9	0.912	79	228	SE by S	20	...	Fine.
3	29.797	0.138	86.4	78.8	97.5	80.9	147.7	79.4	0.883	69	262	S S E	25	...	Do.
4	29.819	0.149	85.3	79.4	92.5	81.4	144.3	79.6	0.925	76	273	S S E	22	...	Do.
5	29.865	0.151	84.3	78.7	92.4	79.4	140.9	78.4	0.907	77	236	SE by S	30	...	Fine with passing clouds.
6	29.840	0.121	84.0	78.1	92.1	77.6	141.7	75.9	0.883	75	192	SE by S	10	...	Fine.
7	29.856	0.117	84.1	77.7	91.1	76.0	142.4	73.6	0.864	73	181	S S E	20	...	Do.
8	29.873	0.101	85.1	77.8	91.2	79.6	142.8	78.4	0.854	71	196	SE by S	20	...	Do.
9	29.897	0.124	84.1	77.2	92.3	78.0	141.3	75.4	0.841	72	157	SE by E	15	...	Do.
10	29.856	0.126	84.8	78.1	92.4	79.0	142.5	77.0	0.873	74	203	SE by S	30	...	Fine with passing clouds.
11	29.800	0.196	85.1	78.0	92.8	79.3	146.4	77.2	0.865	72	221	S S E	40	...	Fine with passing clouds: lg. W.
12	29.768	0.109	83.3	76.4	94.4	74.1	144.9	71.2	0.817	71	201	S by W	33	0.07	Fine with passing clouds.
13	29.754	0.168	86.0	79.9	93.9	81.6	143.1	75.6	0.940	76	269	S by E	35	...	Do.
14	29.750	0.121	87.2	80.1	93.6	82.1	145.9	80.6	0.932	72	276	S S E	35	...	Fine with passing cl.: th. & lg. W.
15	29.753	0.161	86.3	78.1	99.0	80.1	143.3	78.9	0.852	67	187	South	55	...	Passing clouds.
16	29.768	0.157	84.9	80.1	97.6	80.7	143.1	76.9	0.964	79	179	S S E	70	...	Do.
17	29.770	0.134	83.8	75.8	91.2	77.5	140.7	75.0	0.785	68	187	South	30	...	Fine with passing clouds.
18	29.765	0.112	86.0	77.8	97.3	78.1	146.3	75.4	0.843	68	201	S S E	30	...	Do.
19	29.774	0.133	87.0	79.5	95.1	82.5	142.0	80.7	0.908	71	229	S by E	30	...	Do.
20	29.817	0.108	86.7	78.1	96.0	79.8	143.0	78.2	0.847	67	148	S E	30	...	Do.
21	29.820	0.145	86.9	78.6	96.1	79.8	143.2	75.7	0.867	69	149	SE by E	32	...	Do.
22	29.844	0.141	85.4	77.2	93.0	78.6	145.7	75.9	0.824	68	150	SE by E	25	...	Do.
23	29.886	0.100	81.9	76.0	88.6	80.5	121.0	78.6	0.819	75	111	SE by S	60	...	Passing clouds.
24	29.870	0.138	84.6	77.7	92.3	76.7	147.4	76.4	0.857	72	143	SE by S	40	...	Fine with passing clouds.
25	29.834	0.160	85.5	78.4	92.5	78.8	139.8	77.0	0.878	72	175	S E	30	...	Do.
26	29.807	0.151	85.3	78.3	94.0	81.5	141.6	79.8	0.876	72	116	SE by S	53	...	Passing clouds: th. and lg. S. W.
27	29.802	0.119	86.4	79.0	94.2	81.3	145.2	77.2	0.892	70	189	S S E	52	...	Passing clouds.
28	29.807	0.106	85.4	79.2	92.6	80.4	144.3	78.2	0.915	76	203	S S E	35	...	Fine with passing clouds.
29	29.788	0.109	85.5	78.0	96.2	78.9	159.4	77.0	0.859	70	200	S S E	35	...	Do.
30	29.773	0.172	86.4	79.5	97.2	80.4	142.4	78.4	0.916	72	219	S by E	35	...	Do.
31	29.767	0.129	85.7	79.3	93.6	81.5	149.0	80.6	0.915	74	207	S S E	50	...	Passing clouds.
Mean	29.812	0.134	85.2	78.3	93.9	79.5	143.0	77.3	0.878	72	198	S S E	34	0.07	

Madras Meteorological Observations. 1885—June.

June 1885	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.775	0.177	85.4	79.1	93.8	79.1	141.6	77.6	0.910	75	153	S E	25	...	Fine with passing clouds.
2	29.765	0.128	84.9	78.4	93.5	78.7	143.8	77.1	0.885	74	129	S E	42	...	Passing clouds.
3	29.748	0.141	86.0	78.9	95.0	79.7	144.4	78.5	0.894	72	130	SE by E	35	...	Fine with passing clouds: th. & lg.
4	29.759	0.129	82.6	77.1	91.4	78.4	138.4	76.0	0.858	77	70	E S E	67	0.05	Cloudy.
5	29.731	0.135	82.1	76.9	86.2	78.9	117.2	76.9	0.856	78	54	East	90	0.02	Do.
6	29.725	0.106	82.2	76.8	90.1	77.5	125.8	75.9	0.851	78	113	S S E	70	0.08	Do.
7	29.703	0.113	83.9	76.7	93.7	76.0	140.2	75.2	0.823	71	182	South	45	...	Passing clouds.
8	29.662	0.156	86.9	77.0	97.4	82.3	148.5	78.7	0.795	62	220	S by W	74	...	Cloudy.
9	29.666	0.114	87.4	76.3	99.1	84.3	139.2	83.7	0.758	58	218	S S W	83	...	Do.
10	29.699	0.096	86.8	77.7	96.7	83.9	130.6	82.7	0.828	65	206	S S W	80	...	Do.
11	29.680	0.163	89.6	78.3	101.0	82.8	146.8	82.4	0.817	58	220	SW by W	69	0.04	Cloudy: th. and lg.
12	29.685	0.118	86.1	76.7	95.4	79.5	127.2	77.1	0.793	63	228	SW by W	93	0.01	Cloudy.
13	29.703	0.095	84.4	77.7	92.6	78.5	121.6	75.9	0.860	73	212	SW by W	91	0.01	Cloudy: lg. S.
14	29.712	0.119	82.5	76.2	93.4	75.8	132.6	73.0	0.820	74	253	W S W	98	0.69	Cloudy: rain: th. and lg.
15	29.688	0.106	82.7	75.9	91.4	75.9	134.2	74.7	0.804	72	163	S W	93	0.09	Cloudy.
16	29.710	0.099	83.8	75.6	94.9	78.4	131.0	76.9	0.776	67	157	SW by W	75	0.43	Cloudy: th. lg. and rain.
17	29.741	0.135	81.8	76.3	90.6	78.1	126.2	75.7	0.834	77	143	S W	92	1.26	Cloudy: rain.
18	29.729	0.089	82.3	75.7	94.3	75.2	140.0	74.4	0.801	73	217	W S W	60	0.45	Passing clouds: rain.
19	29.724	0.116	84.3	75.3	90.9	77.8	130.8	76.9	0.757	64	205	S S W	85	...	Cloudy.
20	29.742	0.159	84.7	75.7	90.4	77.6	120.2	75.6	0.768	64	202	SW by S	80	...	Do.
21	29.749	0.114	86.3	74.9	95.5	79.1	137.2	77.3	0.712	57	297	W S W	75	...	Do.
22	29.732	0.160	88.7	76.0	97.4	80.3	140.8	76.9	0.727	54	251	W by S	65	...	Do.
23	29.706	0.138	88.8	76.7	100.0	80.4	144.4	77.9	0.757	56	280	W by S	47	...	Passing clouds.
24	29.677	0.181	88.3	76.4	101.8	80.1	144.2	78.9	0.750	56	215	SW by W	60	0.12	Passing clouds: rain.
25	29.656	0.148	88.7	75.7	100.5	80.4	150.9	74.9	0.714	53	227	SW by W	60	...	Passing clouds.
26	29.669	0.161	90.9	73.8	101.5	82.1	148.0	81.0	0.605	42	261	West	55	0.01	Do.
27	29.685	0.154	86.0	74.2	101.0	80.9	150.9	78.9	0.688	54	237	S W	55	...	Do.
28	29.713	0.123	87.0	75.7	101.2	82.0	151.0	80.9	0.738	57	234	SW by S	45	...	Do.
29	29.718	0.114	86.0	77.2	98.4	81.1	145.7	80.1	0.815	65	240	S S W	38	...	Fine with passing clouds: lg. S
30	29.684	0.098	85.8	75.8	98.6	80.8	151.4	80.3	0.758	61	250	S W	70	...	Cloudy: lg.
Mean	29.711	0.130	85.5	76.5	95.6	79.5	138.2	77.7	0.792	65	200	SW by S	67	3.26	

Madras Meteorological Observations. 1885—July.

July 1885	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.689	0.122	86.6	77.2	98.0	78.7	145.4	77.7	0.808	63	237	SW by S	30	...	Fine with passing clouds.
2	29.722	0.122	86.1	76.9	100.1	80.6	141.7	76.7	0.801	65	255	S W	35	...	Do.
3	29.732	0.094	88.6	76.1	100.4	80.6	149.3	75.7	0.733	54	242	W S W	45	0.01	Do.
4	29.718	0.141	87.9	76.4	99.9	82.9	150.7	75.7	0.756	57	226	W N W	73	0.17	Cloudy with rain.
5	29.749	0.127	85.7	76.1	97.9	81.0	143.3	78.5	0.770	63	198	SW by W	62	0.09	Cloudy : lg.
6	29.752	0.134	87.5	76.1	98.9	79.9	147.3	77.8	0.748	57	200	S W	50	...	Passing clouds : th. and lg. E. S. E.
7	29.733	0.106	86.7	75.8	99.1	80.0	148.9	78.2	0.745	58	216	S S W	45	...	Passing clouds.
8	29.746	0.155	85.8	76.2	99.3	80.2	148.1	78.7	0.776	63	231	SW by S	55	...	Passing clouds : lg. W.
9	29.769	0.086	83.9	76.7	93.2	76.7	140.3	74.7	0.823	72	211	S S W	60	...	Passing clouds.
10	29.800	0.153	84.7	77.3	96.7	79.3	144.1	75.7	0.838	70	194	SW by S	40	...	Fine with passing clouds.
11	29.781	0.108	84.2	76.8	94.2	80.0	146.4	79.3	0.823	70	160	S by W	40	...	Do.
12	29.780	0.081	85.3	77.4	97.6	80.0	143.6	79.7	0.834	68	272	S by W	33	...	Do.
13	29.818	0.116	83.6	76.4	90.7	79.0	123.1	77.0	0.814	71	152	SW by S	92	0.01	Cloudy : th. and lg. S.
14	29.802	0.124	81.4	74.9	86.0	78.8	113.3	76.7	0.779	73	148	W S W	95	0.12	Cloudy : rain : lg. S. W.
15	29.766	0.100	81.7	72.3	89.8	76.0	127.6	74.7	0.669	61	244	W by S	100	0.01	Overcast.
16	29.726	0.129	85.8	73.7	95.9	76.2	148.7	74.6	0.670	55	219	SW by W	55	...	Passing clouds.
17	29.668	0.137	87.8	74.6	99.1	79.1	151.4	77.6	0.680	51	222	W S W	57	0.01	Do.
18	29.683	0.095	87.2	77.7	98.4	79.8	148.9	78.5	0.823	64	229	SW by W	50	...	Do.
19	29.667	0.108	88.1	77.6	98.3	80.5	142.9	79.9	0.806	61	217	S W	65	...	Cloudy.
20	29.721	0.113	85.4	79.0	95.1	81.3	137.6	78.8	0.905	74	217	SW by S	63	...	Do.
21	29.761	0.124	86.1	78.3	100.9	80.2	147.4	79.6	0.864	68	216	S S W	35	...	Passing clouds.
22	29.744	0.149	85.8	76.8	93.3	82.0	125.9	81.6	0.801	65	206	W S W	87	...	Cloudy.
23	29.673	0.123	87.4	75.6	96.8	81.0	127.9	79.6	0.728	56	225	W S W	73	...	Do.
24	29.725	0.110	87.1	75.0	94.3	81.0	141.9	79.8	0.706	55	239	W S W	82	...	Do.
25	29.770	0.118	87.9	76.7	99.6	82.0	153.4	81.6	0.769	58	240	W S W	60	0.01	Passing clouds.
26	29.734	0.171	87.8	75.6	101.9	79.6	149.1	78.6	0.722	56	237	SW by W	53	0.09	Do.
27	29.683	0.160	86.2	75.1	99.8	78.4	153.3	77.8	0.723	58	209	SW by W	57	0.04	Do.
28	29.694	0.080	86.4	74.7	95.3	79.0	129.7	77.6	0.736	56	216	SW by W	68	...	Cloudy.
29	29.732	0.111	85.9	74.7	94.9	80.0	131.6	78.4	0.720	58	183	SW by S	70	0.03	Do.
30	29.742	0.126	85.5	76.2	96.2	79.7	143.1	78.6	0.803	63	172	S by W	58	...	Passing clouds.
31	29.725	0.138	84.2	77.4	96.4	77.4	147.9	76.6	0.850	72	168	S by W	32	...	Fine with passing clouds.
Mean	29.736	0.121	85.9	76.2	96.7	79.7	141.7	77.9	0.775	62	213	S W	59	0.59	

Madras Meteorological Observations. 1885—August.

August 1885	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.709	0.162	84.4	78.4	96.2	78.1	132.3	77.7	0.892	75	206	S S W	30	...	Fine with passing clouds.
2	29.718	0.118	86.4	78.5	96.0	80.8	140.5	77.7	0.869	69	219	S by W	35	0.07	Do.
3	29.729	0.164	84.7	78.7	95.0	80.9	142.3	79.7	0.901	76	188	South	72	...	Cloudy.
4	29.727	0.109	84.2	78.5	95.7	79.8	142.3	79.7	0.899	77	164	South	58	0.51	Passing clouds: rain.
5	29.762	0.133	84.4	79.0	94.3	77.4	146.7	75.8	0.919	78	211	South	47	0.01	Passing clouds.
6	29.754	0.130	85.1	77.7	98.1	78.5	150.3	77.7	0.851	70	196	South	38	...	Fine with passing clouds.
7	29.769	0.116	85.4	79.4	96.9	79.5	145.5	78.6	0.924	77	200	South	40	0.01	Do.
8	29.764	0.128	84.7	78.1	96.9	77.8	154.1	76.7	0.874	74	189	S by W	25	...	Do.
9	29.698	0.114	86.1	77.5	99.2	79.1	152.5	77.7	0.829	67	217	S by W	35	...	Do.
10	29.697	0.117	81.9	74.5	94.2	74.7	129.9	73.5	0.755	71	177	S W	95	0.54	Cloudy: th. lg. and rain.
11	29.658	0.116	80.2	74.9	88.1	74.6	147.1	73.7	0.795	77	137	SW by S	97	0.03	Overcast.
12	29.636	0.117	81.7	75.3	90.5	76.9	128.6	75.8	0.792	73	200	SW by W	100	0.18	Overcast: rain.
13	29.658	0.102	79.8	75.4	90.0	76.7	138.9	75.7	0.822	81	180	SW by W	95	0.18	Cloudy: rain.
14	29.675	0.126	81.7	76.6	98.1	75.5	146.5	74.1	0.848	79	198	S W	85	0.01	Cloudy: th. and lg.
15	29.673	0.150	83.2	77.7	96.1	77.9	149.5	76.5	0.877	77	233	S S W	80	...	Cloudy: lg.
16	29.663	0.134	86.7	76.8	98.3	78.0	153.5	77.0	0.789	62	209	SW by S	58	...	Passing clouds.
17	29.682	0.125	84.2	76.7	95.0	79.6	143.3	78.6	0.819	70	235	S S W	77	...	Cloudy.
18	29.743	0.132	86.2	77.3	98.7	79.5	150.3	78.2	0.817	65	252	SW by S	45	...	Passing clouds.
19	29.814	0.140	84.4	77.0	98.7	79.2	148.8	79.2	0.829	70	175	SW by S	55	0.08	Passing clouds: th. and lg.
20	29.845	0.142	83.2	77.0	98.1	77.9	147.9	77.2	0.845	73	179	S S W	45	0.53	Passing clouds: rain: th. and lg.
21	29.836	0.162	82.3	78.0	95.0	75.2	139.1	75.2	0.902	82	153	S S W	53	0.54	Do. : do. : do.
22	29.793	0.135	84.5	78.2	96.7	79.6	140.5	78.6	0.881	74	197	S S W	50	...	Passing clouds.
23	29.770	0.136	85.5	77.6	98.3	79.8	149.6	78.2	0.841	68	195	S S W	42	...	Do.
24	29.762	0.164	86.4	76.0	96.1	78.8	146.1	78.6	0.758	60	210	S W	75	...	Cloudy.
25	29.753	0.163	85.1	76.7	99.1	81.2	144.1	80.3	0.806	66	189	S W	47	0.44	Passing clouds: rain: th. and lg.
26	29.809	0.137	82.3	75.3	94.1	78.0	138.8	77.2	0.784	71	190	S by W	63	0.15	Do. : do. : do.
27	29.793	0.175	83.7	78.1	95.9	76.0	142.1	74.4	0.888	77	155	S by W	47	0.16	Passing clouds: rain.
28	29.783	0.103	84.3	78.3	95.3	77.2	148.4	74.2	0.889	75	143	S S W	50	...	Passing clouds: lg. S. W.
29	29.795	0.129	84.3	76.3	96.3	75.2	146.5	75.2	0.800	68	180	S S W	53	...	Passing clouds.
30	29.807	0.140	85.0	76.9	96.5	79.0	144.1	78.2	0.817	68	182	S S W	57	0.01	Do.
31	29.820	0.152	83.6	77.7	93.3	77.1	149.2	77.0	0.880	76	129	S by W	40	...	Fine with passing clouds.
Mean	29.745	0.135	84.1	77.2	95.7	78.0	144.5	77.0	0.845	72	190	S S W	58	13.45	

Madras Meteorological Observations. 1885—September.

September 1885	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.787	0.140	83.9	76.6	95.9	74.8	150.7	73.4	0.818	71	143	S S W	27	...	Fine with passing clouds.
2	29.779	0.146	85.8	76.5	96.8	79.3	149.9	78.4	0.788	64	161	SW by S	23	...	Fine.
3	29.752	0.164	86.1	76.7	99.8	76.9	154.1	76.1	0.793	65	215	South	37	...	Fine with passing clouds.
4	29.762	0.113	85.4	77.2	99.7	76.9	153.3	76.4	0.824	67	198	S S W	40	0.01	Do.
5	29.795	0.112	86.4	77.6	97.3	78.7	146.7	77.4	0.829	66	191	South	33	...	Do.
6	29.793	0.137	85.5	78.2	98.5	80.1	155.9	79.1	0.868	71	173	S S W	37	0.07	Do.
7	29.786	0.135	85.0	78.6	98.1	76.0	153.8	75.2	0.892	75	208	S by W	23	...	Fine.
8	29.790	0.158	84.3	78.6	97.0	78.3	160.5	77.2	0.902	77	184	S by E	72	...	Cloudy.
9	29.757	0.149	85.1	77.7	96.3	79.6	156.5	77.9	0.851	70	163	S W	77	...	Do.
10	29.747	0.123	84.6	78.8	98.8	79.2	144.7	77.5	0.908	76	135	S by W	88	...	Do.
11	29.800	0.093	82.4	76.9	87.0	80.0	135.9	78.4	0.852	77	139	S E	83	...	Cloudy : th. and lg. E.
12	29.808	0.163	84.2	77.7	95.1	77.9	150.9	75.6	0.863	74	167	South	30	...	Fine with passing clouds : th. & lg. S.
13	29.803	0.137	85.5	78.7	99.1	76.9	157.0	75.4	0.890	73	179	N W	35	...	Fine with passing clouds.
14	29.828	0.127	79.6	76.8	88.3	74.8	153.1	73.4	0.886	88	108	SW by W	80	0.50	Cloudy : rain.
15	29.862	0.159	81.3	77.0	88.1	76.5	141.5	75.6	0.871	82	123	S S W	60	...	Passing clouds.
16	29.840	0.172	80.0	76.6	88.5	71.0	139.0	69.9	0.871	85	130	S W	70	0.51	Cloudy : thunderstorm 1-30 A.M.
17	29.818	0.148	79.5	75.8	88.5	70.1	123.9	69.9	0.843	84	120	SW by W	77	1.31	Thunderstorm 5 A.M.
18	29.814	0.126	83.1	77.6	93.5	77.2	144.5	75.9	0.874	77	171	S S W	40	1.16	Thunderstorm 11 P.M.
19	29.761	0.148	82.4	77.1	90.7	74.2	143.8	73.9	0.861	78	131	N N W	57	0.51	Cloudy : rain : th. & lg. S.
20	29.715	0.133	83.0	76.8	91.8	76.6	142.3	75.3	0.836	74	125	S S W	40	...	Passing clouds.
21	29.746	0.116	83.7	76.3	91.4	77.1	148.4	75.1	0.808	69	128	W by S	45	0.49	Passing clouds : rain.
22	29.760	0.131	84.0	77.4	92.3	76.2	139.4	73.9	0.852	73	147	S W	78	...	Cloudy.
23	29.804	0.160	82.8	76.3	93.1	78.0	139.0	76.2	0.820	73	176	S W	60	0.04	Do.
24	29.825	0.128	82.7	76.9	92.7	78.0	141.0	75.9	0.848	76	120	South	45	...	Passing clouds.
25	29.835	0.130	81.5	78.0	88.9	73.8	144.0	71.4	0.913	85	145	S E	40	...	Fine with passing clouds.
26	29.859	0.125	83.0	77.9	88.7	77.0	147.6	74.9	0.889	79	109	S E	30	...	Do.
27	29.846	0.120	82.7	78.1	90.6	76.5	149.8	74.1	0.901	81	117	SE by S	30	...	Do.
28	29.848	0.133	83.3	77.6	88.9	78.1	146.2	74.9	0.871	77	105	E S E	35	...	Do.
29	29.899	0.162	81.8	77.8	88.6	76.2	144.2	74.7	0.900	83	92	SE by S	35	0.68	Sharp thunderstorm 4-30 to 6 A.M.
30	29.886	0.165	82.6	78.1	89.6	77.2	145.3	75.2	0.902	81	106	SE by E	35	...	Fine with p. cls. : th. & lg. S. W.
Mean	29.803	0.138	83.4	77.4	93.1	76.8	146.8	75.3	0.861	76	147	South	49	5.28	

Madras Meteorological Observations. 1885—October.

October 1885	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.855	0.170	79.8	77.3	85.3	77.4	119.2	76.1	0.906	89	70	S S E	87	0.17	Cloudy : rain.
2	29.868	0.124	82.9	78.2	87.6	78.4	147.8	76.0	0.903	81	144	SE by S	40	...	Passing clouds.
3	29.868	0.146	82.9	78.2	89.2	77.0	143.4	75.2	0.903	80	182	S S E	43	0.10	P. cls. : th. and lg. W. & N. : rain.
4	29.909	0.154	81.6	78.2	87.4	76.6	142.6	74.8	0.920	85	181	South	50	0.10	Passing clouds : lg. W. : rain.
5	29.906	0.153	81.0	76.9	86.1	78.3	119.0	76.5	0.871	83	130	S by E	77	...	Cloudy : lg. N.
6	29.896	0.147	79.3	76.6	83.3	77.2	100.2	75.0	0.881	89	62	S by E	70	0.01	Passing clouds.
7	29.951	0.142	79.6	76.7	86.1	74.2	145.0	73.2	0.881	87	103	SW by W	61	2.03	Cloudy with rain.
8	30.911	0.156	79.6	76.6	88.6	74.2	144.3	72.3	0.877	87	86	S S E	23	...	Chiefly fine : lg. W.
9	29.878	0.161	81.4	76.4	88.9	75.1	144.3	73.0	0.843	78	76	East	25	...	Chiefly fine.
10	29.870	0.143	82.6	76.3	91.3	73.5	148.0	70.4	0.822	74	107	E by N	35	...	Fine with passing clouds : lg. S. W.
11	29.861	0.144	79.8	76.2	83.2	77.2	115.0	74.6	0.857	85	62	NE by N	85	0.17	Cloudy : rain.
12	29.835	0.159	77.6	74.9	82.2	75.4	115.7	74.4	0.830	88	89	N by W	97	0.30	Do. : do.
13	29.803	0.144	80.1	76.3	90.8	74.6	124.6	72.9	0.857	83	67	W N W	83	...	Cloudy.
14	29.841	0.135	81.3	76.6	92.5	73.3	144.8	71.2	0.854	80	109	S S W	40	...	Fine with passing clouds.
15	29.876	0.141	83.6	77.5	92.1	77.1	147.6	74.2	0.860	74	125	S S E	30	...	Chiefly fine.
16	29.868	0.147	83.3	77.4	91.8	78.1	144.7	75.4	0.861	75	144	S S W	28	...	Fine : lg. W. and N.
17	29.870	0.118	82.8	78.1	94.8	76.5	147.7	74.4	0.900	81	106	S S W	75	...	Cloudy : lg.
18	30.852	0.127	81.7	77.1	90.3	76.9	126.1	75.4	0.870	81	92	E S E	75	...	Cloudy.
19	29.825	0.144	82.0	76.7	90.2	76.6	147.3	74.7	0.848	77	78	E by N	55	0.04	Passing clouds.
20	29.852	0.100	80.9	76.2	91.2	76.4	147.7	74.6	0.841	80	75	NE by N	65	0.07	Do.
21	29.876	0.141	79.6	75.5	86.7	74.3	143.3	72.6	0.830	82	112	SW by S	70	0.12	Passing clouds : rain.
22	29.878	0.133	80.3	75.5	85.6	76.8	145.9	75.2	0.820	78	198	South	85	...	Cloudy.
23	29.885	0.161	81.9	76.8	91.8	75.5	147.1	74.6	0.855	79	211	S by W	40	...	Fine with passing clouds.
24	29.876	0.152	82.7	76.5	91.9	76.9	148.5	74.8	0.830	74	196	S by E	22	...	Fine.
25	29.900	0.123	82.8	77.1	90.1	77.9	146.1	74.6	0.855	77	159	S by E	25	...	Do.
26	30.899	0.139	82.8	76.1	92.8	75.4	149.3	72.4	0.811	72	141	S S E	28	...	Do.
27	29.900	0.162	82.1	77.1	88.8	77.9	141.4	75.4	0.865	79	86	SE by E	67	0.01	Cloudy.
28	29.893	0.121	82.0	75.9	90.3	76.3	148.3	74.4	0.813	75	140	N N E	50	0.09	Do.
29	29.905	0.123	76.3	73.6	78.6	74.9	87.2	74.4	0.794	88	151	N N E	100	4.20	Overcast : thunderstorm.
30	29.885	0.111	76.4	74.1	80.3	76.0	91.2	74.7	0.813	90	109	N by E	100	0.10	Overcast : rain.
31	29.890	0.111	75.9	73.7	78.6	73.7	89.8	72.3	0.803	91	96	N by W	100	0.39	Do. : do.
Mean	29.877	0.140	80.9	76.5	88.0	76.1	134.0	74.2	0.854	81	119	SE by E	59	7.90	

Madras Meteorological Observations. 1885—November.

November 1885	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.805	0.168	75.2	72.3	79.6	73.2	104.9	72.6	0.753	86	192	North	100	0.28	Overcast with rain.
2	29.685	0.093	69.7	67.8	72.3	67.3	86.3	67.3	0.656	90	383	West	100	4.26	Do.
3	29.795	0.118	80.3	73.9	88.0	71.7	142.4	70.4	0.751	72	178	S S W	42	...	Passing clouds.
4	29.854	0.125	81.7	77.5	87.1	77.3	141.3	75.6	0.888	83	148	S E by S	30	...	Fine with passing clouds.
5	29.912	0.109	81.5	76.9	88.4	75.7	141.0	73.8	0.864	81	117	E by S	30	0.14	Fine with passing clouds : rain.
6	29.961	0.109	80.9	76.7	87.0	75.7	142.0	73.8	0.863	82	113	S E by E	40	0.19	Do. : do.
7	29.945	0.149	81.2	76.9	88.4	75.6	139.6	73.2	0.868	82	78	E by S	30	...	Fine with passing clouds.
8	29.917	0.131	81.7	77.1	89.4	75.6	146.9	73.6	0.870	81	86	E N E	33	...	Do.
9	29.916	0.132	80.6	76.9	90.0	75.7	144.1	73.6	0.876	85	103	E N E	40	...	Do.
10	29.948	0.118	82.5	76.8	89.0	76.6	147.0	74.4	0.846	77	118	E by N	32	...	Do.
11	29.968	0.101	82.1	75.9	89.4	75.1	147.1	71.8	0.812	74	165	N E by E	20	...	Do.
12	29.997	0.100	79.5	73.0	88.4	73.5	142.9	70.4	0.726	72	164	N E by N	38	...	Do.
13	29.976	0.109	80.6	75.7	87.3	75.8	141.9	72.6	0.823	78	258	N by E	60	0.24	Cloudy with showers.
14	29.949	0.133	78.1	74.3	84.5	74.9	137.5	73.4	0.799	83	286	N by E	85	0.42	Cloudy : light rain.
15	29.913	0.120	76.5	74.3	80.0	74.7	88.4	73.1	0.820	90	370	N N E	100	1.89	Overcast and rainy.
16	29.857	0.134	75.9	74.5	76.4	75.5	81.1	72.4	0.835	93	294	N E by N	100	6.00	Overcast : continuous rain.
17	29.792	0.146	76.2	75.0	80.8	73.8	98.1	72.6	0.853	94	273	N E	100	3.73	Overcast with rain.
18	29.760	0.106	73.0	72.2	75.1	71.5	77.6	71.4	0.781	96	303	N by W	100	4.16	Overcast.
19	29.801	0.154	75.3	70.7	79.1	72.0	100.5	71.4	0.691	78	250	N N W	100	0.29	Do.
20	29.865	0.130	77.7	71.3	84.0	74.9	140.9	73.4	0.682	71	159	N N W	88	...	Cloudy.
21	29.906	0.116	76.6	71.5	84.2	71.7	131.9	69.4	0.705	77	98	N N W	70	...	Do.
22	29.930	0.113	76.1	72.1	83.6	69.7	143.2	67.4	0.735	82	101	N N W	60	...	Passing clouds.
23	29.951	0.129	74.8	69.0	84.5	68.3	134.9	64.4	0.632	72	107	N by W	37	...	Fine with light clouds.
24	30.000	0.100	74.5	68.8	84.8	67.2	144.7	62.7	0.628	73	91	N by E	15	...	Fine.
25	30.028	0.125	74.9	68.7	83.4	66.6	142.3	62.3	0.620	72	139	N by E	33	...	Fine with passing clouds.
26	30.059	0.122	74.4	69.5	83.6	69.7	142.4	67.2	0.657	77	126	N by E	60	...	Passing clouds.
27	30.046	0.135	75.7	70.5	83.4	68.7	143.2	66.0	0.878	76	136	North	55	...	Do.
28	30.052	0.120	77.6	72.3	84.3	70.6	146.8	68.7	0.723	76	207	North	30	...	Fine with passing clouds.
29	30.054	0.128	76.5	71.6	84.8	70.4	144.4	68.4	0.710	78	155	N by E	15	...	Fine.
30	30.088	0.142	77.2	71.6	83.8	70.1	141.1	68.2	0.701	75	194	North	27	...	Fine with passing clouds.
Mean	29.923	0.124	77.6	73.2	84.1	72.6	130.2	70.5	0.768	80	180	N E by N	56	21.60	

Madras Meteorological Observations. 1885—December.

December 1885	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	30.012	0.109	77.2	74.0	84.0	72.7	141.1	64.4	0.798	85	213	North	50	0.15	Passing clouds: rain.
2	30.008	0.107	77.4	72.3	81.0	74.5	128.1	63.4	0.726	77	222	N by E	45	0.02	Passing clouds.
3	30.015	0.138	75.8	71.0	82.5	70.3	144.3	67.4	0.696	78	202	North	30	...	Fine with passing clouds.
4	30.002	0.161	72.8	67.4	81.6	68.9	135.9	65.4	0.600	74	177	N by W	25	...	Do.
5	29.986	0.126	73.2	68.2	81.8	64.8	138.7	60.3	0.624	76	190	N by W	25	...	Do.
6	29.946	0.087	73.9	71.6	77.4	70.6	101.5	69.4	0.746	90	229	N N W	100	1.30	Cloudy and rainy.
7	29.930	0.096	78.1	75.6	86.5	74.4	141.7	73.4	0.852	89	148	NE by E	75	0.80	Cloudy.
8	29.938	0.082	77.5	74.8	84.2	73.8	149.3	72.4	0.825	88	137	E N E	67	0.20	Do.
9	29.927	0.118	78.9	74.9	85.8	74.3	139.3	73.1	0.813	82	114	NE by N	40	0.06	Fine with passing clouds.
10	29.917	0.112	78.5	73.9	85.5	73.8	138.5	72.1	0.776	80	137	N E	35	...	Do.
11	29.896	0.089	77.9	71.9	85.1	72.3	136.2	69.0	0.703	74	150	NE by N	23	...	Fine.
12	29.901	0.102	77.1	72.6	86.0	70.5	144.3	67.6	0.742	80	123	NE by N	35	...	Fine with passing clouds.
13	29.900	0.134	76.7	74.0	85.8	70.9	138.5	67.4	0.805	87	96	NE by N	72	0.31	Cloudy with rain.
14	29.907	0.091	75.6	73.9	80.4	73.0	96.8	72.4	0.812	93	72	N E	97	0.22	Do.
15	29.927	0.101	78.2	74.7	85.9	73.4	140.5	71.4	0.814	84	176	N E	58	...	Passing clouds.
16	29.896	0.122	78.0	74.6	82.7	76.6	111.4	74.7	0.812	84	202	NE by E	97	0.36	Cloudy with rain.
17	29.834	0.114	76.8	74.7	82.4	75.5	133.8	73.5	0.833	91	190	E by N	100	0.78	Overcast: rain.
18	29.846	0.107	78.6	75.1	84.7	74.4	134.1	70.5	0.825	84	100	E by S	90	0.88	Cloudy: rain.
19	29.898	0.099	78.5	75.9	85.4	75.6	140.7	73.9	0.861	89	106	E N E	77	0.04	Cloudy.
20	29.924	0.112	75.3	72.6	79.5	72.0	136.3	70.5	0.766	87	205	N by W	88	...	Do.
21	29.919	0.149	76.5	72.3	81.5	73.5	134.8	72.5	0.738	82	226	N by W	67	...	Do.
22	29.946	0.114	77.9	73.2	83.7	74.6	130.8	73.7	0.756	79	224	N by W	42	...	Passing clouds.
23	29.954	0.075	78.3	73.8	84.5	73.8	141.8	71.8	0.775	80	183	N by E	45	0.01	Do.
24	29.988	0.102	77.7	73.8	84.1	73.0	139.5	69.6	0.782	83	183	North	43	...	Do.
25	30.041	0.101	76.7	71.9	84.9	71.4	141.6	70.7	0.717	78	178	N by E	35	...	Fine with passing clouds.
26	30.059	0.126	75.9	71.5	84.7	69.7	143.3	65.8	0.714	79	139	N by E	40	...	Do.
27	30.071	0.134	75.2	70.1	81.6	69.4	136.8	65.5	0.670	77	174	North	30	...	Do.
28	30.059	0.118	74.2	68.6	80.5	68.6	138.8	66.8	0.626	74	170	North	50	...	Passing clouds.
29	30.043	0.111	72.5	68.1	82.6	66.9	140.9	63.5	0.629	78	119	N N E	50	...	Do.
30	30.060	0.128	70.9	66.1	82.6	64.1	138.6	59.8	0.578	77	103	N N E	38	...	Fine with passing clouds.
31	30.057	0.117	71.1	65.9	82.3	64.4	141.4	60.0	0.568	75	100	N N E	38	...	Do.
Mean	29.962	0.112	76.2	72.2	83.3	71.7	135.5	68.8	0.741	82	161	N N E	55	5.13	

Madras Meteorological Observations. 1886—January.

January 1886	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points.	Cents	Inches	
1	30.065	0.121	71.5	67.0	82.0	63.8	136.2	59.4	0.603	78	115	NE by N	57	...	Passing clouds.
2	30.058	0.111	74.0	68.7	84.1	66.0	142.6	60.7	0.632	75	156	N by E	33	...	Fine with passing clouds.
3	30.041	0.096	76.0	69.8	82.9	71.9	142.2	66.6	0.646	72	280	NE by N	90	...	Cloudy.
4	30.081	0.069	76.9	71.0	84.1	71.6	142.4	71.4	0.680	73	271	NE by N	75	...	Do.
5	30.097	0.103	74.1	70.0	78.6	71.2	112.0	70.7	0.680	81	244	N by E	85	...	Do.
6	30.062	0.117	76.0	71.7	80.6	71.0	125.2	70.6	0.720	80	238	N N E	70	0.52	Cloudy : rain.
7	30.073	0.137	74.6	66.8	82.6	68.1	136.8	64.2	0.554	65	217	NE by N	40	...	Fine with passing clouds.
8	30.090	0.107	74.6	67.4	82.2	69.2	137.2	65.4	0.576	67	202	N N E	40	...	Do.
9	30.103	0.105	72.9	67.2	82.8	65.4	142.0	62.4	0.590	73	173	N N E	35	...	Do.
10	30.068	0.129	73.2	67.0	82.4	65.4	137.2	61.8	0.580	71	145	N N E	25	...	Do.
11	30.028	0.129	73.0	67.7	83.3	65.6	145.2	61.4	0.610	75	151	N by E	25	...	Do.
12	30.023	0.129	72.7	68.2	82.6	64.4	139.2	60.6	0.631	78	90	NE by N	50	...	Passing clouds.
13	30.016	0.110	75.0	68.6	85.0	69.6	141.2	64.3	0.613	72	121	NE by N	30	...	Do.
14	29.999	0.140	73.1	68.2	82.9	64.7	139.1	60.5	0.625	76	115	NE by N	30	...	Do.
15	29.973	0.123	73.9	69.8	85.5	66.4	138.1	63.1	0.675	81	102	NE by N	40	...	Do.
16	29.996	0.111	73.3	69.0	83.4	67.5	139.0	62.6	0.652	79	128	NE by N	52	...	Do.
17	30.009	0.113	74.6	69.3	83.9	66.3	141.2	62.3	0.647	75	122	NE by N	35	...	Do.
18	30.018	0.152	73.6	68.8	84.5	64.9	141.6	60.5	0.639	78	101	NE by N	35	...	Do.
19	29.966	0.131	74.1	69.6	85.2	67.8	143.3	64.4	0.664	79	124	NE by N	45	...	Do.
20	29.929	0.128	75.1	69.9	84.1	67.4	138.8	63.9	0.663	77	104	NE by E	28	...	Do.
21	29.922	0.120	74.2	69.3	84.4	66.5	141.3	60.3	0.652	76	99	NE by E	35	...	Do.
22	29.904	0.109	73.1	68.3	82.9	64.4	141.2	60.3	0.629	76	82	E by N	40	...	Do.
23	29.907	0.168	73.5	68.9	84.4	65.3	143.6	60.3	0.647	78	70	E N E	30	...	Do.
24	29.915	0.129	74.6	70.2	84.4	66.7	139.2	62.7	0.680	79	56	E by N	35	...	Do.
25	29.898	0.132	76.2	70.6	84.2	71.8	140.1	63.8	0.674	75	57	E S E	30	...	Do.
26	29.904	0.125	74.9	70.5	84.9	67.8	140.9	60.3	0.688	79	63	E by S	37	...	Do.
27	29.907	0.147	74.8	69.8	85.8	67.3	138.2	62.8	0.663	77	66	E by S	25	...	Fine.
28	29.934	0.125	75.2	70.6	84.0	67.3	135.2	63.5	0.688	79	69	E S E	37	...	Passing clouds.
29	29.953	0.121	76.4	70.7	86.8	67.3	139.9	62.8	0.676	74	84	E by S	20	...	Fine.
30	29.983	0.157	77.0	71.5	84.6	68.3	140.4	65.7	0.699	75	90	E by S	33	...	Passing clouds.
31	29.920	0.136	76.8	70.8	85.7	68.1	139.7	64.3	0.674	73	97	E S E	35	...	Do.
Mean	29.993	0.124	74.5	69.3	83.7	67.4	138.7	63.3	0.647	76	130	NE by E	41	0.52	

Madras Meteorological Observations. 1886—February.

February 1886	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.891	0.137	75.7	69.1	83.4	67.6	138.8	64.4	0.624	71	81	E by S	32	...	Passing clouds.
2	29.884	0.126	75.8	69.7	83.7	66.3	139.9	63.4	0.645	73	83	East	13	...	Fine.
3	29.911	0.160	74.8	70.3	85.4	67.2	140.0	63.2	0.682	79	100	NE by E	35	...	Passing clouds.
4	29.921	0.133	76.5	71.2	87.4	67.1	140.9	63.4	0.694	76	158	NE by N	35	...	Do.
5	29.948	0.146	76.5	71.1	86.3	68.0	142.4	64.2	0.690	75	214	N E	32	...	Do.
6	29.973	0.118	76.5	70.2	85.2	68.3	142.2	64.4	0.655	72	205	N E	38	...	Do.
7	30.023	0.134	77.4	70.6	85.2	69.9	139.2	66.7	0.659	70	219	N E	22	...	Fine.
8	30.053	0.133	77.1	70.2	85.0	69.1	141.1	67.0	0.647	69	152	NE by E	38	...	Passing clouds.
9	30.069	0.148	76.9	69.4	86.0	67.9	143.4	67.0	0.619	67	109	E N E	35	...	Do.
10	30.002	0.113	76.3	69.5	87.0	68.5	142.1	66.0	0.632	70	105	NE by E	35	...	Do.
11	29.994	0.124	75.1	69.4	85.4	66.1	143.4	63.4	0.644	74	74	N E	35	...	Do.
12	30.030	0.091	77.4	70.2	86.6	67.5	143.6	64.3	0.643	69	129	NE by E	42	...	Do.
13	30.016	0.124	75.9	68.8	86.6	66.1	141.2	63.3	0.610	69	91	NE by E	25	...	Do.
14	29.982	0.156	75.5	69.5	85.9	66.3	143.8	62.4	0.642	73	83	NE by E	23	...	Fine.
15	29.926	0.157	76.1	69.9	86.3	69.7	141.3	68.5	0.649	73	66	E by N	22	...	Do.
16	29.971	0.120	75.2	68.9	86.4	67.0	144.3	62.8	0.624	71	88	E by N	30	...	Passing clouds.
17	29.983	0.146	75.4	68.3	86.0	64.9	145.9	60.3	0.598	68	87	E N E	27	...	Do.
18	29.979	0.142	74.6	68.2	85.2	64.6	141.2	58.1	0.603	71	72	E by N	28	...	Do.
19	30.020	0.105	75.5	69.4	85.8	65.9	140.9	62.5	0.638	72	80	East	17	...	Fine.
20	30.050	0.134	79.3	73.2	86.0	69.8	141.5	67.8	0.736	74	139	NE by E	45	...	Passing clouds.
21	30.047	0.121	79.5	73.3	88.3	73.3	142.8	70.3	0.739	74	131	NE by E	38	...	Do.
22	30.035	0.123	78.2	72.6	88.5	68.6	143.1	65.3	0.727	76	104	NE by E	15	...	Fine.
23	29.997	0.110	77.0	70.9	89.6	67.4	143.8	63.2	0.696	73	53	East	15	...	Do.
24	30.009	0.137	76.8	69.8	87.1	66.4	143.4	62.3	0.636	69	47	E S E	12	...	Do.
25	29.974	0.149	75.9	70.1	87.2	65.0	141.1	60.1	0.660	74	71	S E	10	...	Do.
26	29.938	0.171	76.3	70.8	88.2	67.1	145.5	63.1	0.681	75	85	SE by S	43	...	Passing clouds.
27	29.909	0.149	78.4	73.8	91.5	69.4	145.1	65.3	0.774	80	137	S S E	12	...	Fine.
28	29.889	0.131	78.6	73.8	88.9	69.7	143.5	66.0	0.771	78	144	S S E	7	...	Clear.

Madras Meteorological Observations. 1886—March.

March 1886	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.							
									Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.908	0.107	78.6	73.8	86.4	72.0	139.3	69.7	0.771	79	147	SE by S	7	...	Clear.
2	29.933	0.119	79.0	73.2	90.5	71.4	145.5	67.9	0.741	75	106	SE by S	0	...	Do.
3	29.957	0.141	78.9	73.7	86.6	71.4	140.8	68.0	0.763	77	133	S S E	13	...	Fine.
4	29.958	0.161	78.2	73.1	86.6	70.5	142.4	68.1	0.748	78	115	S S E	5	...	Clear.
5	29.933	0.129	78.6	73.2	87.0	69.8	142.9	67.0	0.746	76	118	SE by S	12	...	Fine.
6	29.920	0.170	78.6	73.3	86.4	70.0	143.5	67.6	0.750	77	140	S S E	13	...	Do.
7	29.909	0.141	79.4	73.5	87.6	71.6	141.8	68.1	0.747	74	170	SE by S	30	...	Passing clouds.
8	29.936	0.127	81.9	75.0	87.4	77.7	139.1	75.2	0.776	71	216	SE by S	27	0.05	Fine.
9	29.942	0.159	81.2	76.1	87.6	77.8	142.5	76.5	0.833	78	172	S by E	55	0.16	Passing clouds : th. & lg. S. : rain.
10	30.023	0.150	77.3	73.9	85.4	72.8	128.3	71.7	0.792	84	92	S by E	92	0.01	Overcast.
11	30.016	0.114	80.2	74.3	89.3	73.2	142.1	70.9	0.770	74	117	East	35	...	Passing clouds.
12	30.010	0.133	80.3	74.2	90.0	72.8	148.7	70.1	0.765	74	148	E by N	38	...	Do.
13	29.995	0.137	80.4	75.2	89.3	72.1	147.5	69.1	0.805	77	140	NE by E	40	...	Do.
14	29.991	0.124	80.2	74.3	89.4	70.6	148.1	69.1	0.770	74	109	E N E	40	...	Do.
15	29.921	0.129	79.9	74.4	90.3	71.4	144.1	66.9	0.778	76	88	E by S	20	...	Fine.
16	29.901	0.148	77.2	72.1	89.3	69.8	143.7	66.4	0.721	77	77	E by S	25	...	Passing clouds.
17	29.912	0.133	77.0	69.5	88.1	66.9	141.3	63.9	0.622	67	73	E S E	15	...	Fine.
18	29.927	0.138	78.8	71.4	88.4	67.0	142.1	63.7	0.670	68	92	E S E	10	...	Do.
19	29.934	0.139	80.0	73.3	88.3	70.8	143.4	73.8	0.731	72	94	SE by E	20	...	Do.
20	29.869	0.187	80.2	75.0	89.3	71.7	142.4	69.1	0.799	78	108	S E	25	...	Passing clouds.
21	29.861	0.124	80.6	74.3	87.9	72.1	143.1	68.7	0.765	73	150	S E	20	...	Fine.
22	29.854	0.135	81.3	75.5	88.8	74.0	144.5	72.6	0.805	76	154	S E	35	...	Passing clouds.
23	29.830	0.146	81.2	75.8	90.2	74.8	144.3	71.7	0.820	77	145	SE by S	22	...	Fine.
24	29.813	0.152	82.0	76.8	90.8	74.0	144.8	71.4	0.853	79	182	S S E	10	...	Do.
25	29.774	0.150	84.3	78.6	95.7	78.3	148.2	76.7	0.902	77	168	S S E	18	...	Do.
26	29.783	0.122	84.9	78.5	92.9	78.8	145.1	77.2	0.889	75	203	S S E	47	...	Passing clouds.
27	29.808	0.127	82.9	78.3	87.5	78.4	143.7	77.6	0.908	81	207	S S E	50	0.14	Passing clouds : rain.
28	29.853	0.123	82.4	77.6	90.1	76.8	142.6	76.7	0.883	80	199	S S E	38	...	Passing clouds.
29	29.908	0.126	81.8	76.4	89.2	76.0	143.1	73.3	0.838	77	188	SE by S	40	...	Do.
30	29.910	0.168	82.1	76.5	91.8	74.8	147.5	72.0	0.839	77	158	S S E	35	...	Do.
31	29.859	0.142	82.3	76.6	89.3	74.8	142.5	72.0	0.840	75	176	SE by S	30	...	Do.
Mean	29.908	0.139	80.4	74.8	88.9	73.0	143.2	70.7	0.788	76	141	S E	28	0.36	

Madras Meteorological Observations. 1886—April.

April 1886	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Dirrec- tion			
	Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles				Points	Cents	Inches
1	29.860	0.153	83.2	78.2	92.1	76.2	149.5	74.9	0.899	79	207	S S E	25	...	Fine.
2	29.846	0.144	83.8	77.9	95.5	77.9	147.6	76.5	0.877	75	219	S S E	10	...	Do.
3	29.840	0.123	83.3	78.9	92.5	77.1	142.7	75.1	0.930	83	207	S S E	20	...	Do.
4	29.829	0.132	83.9	78.6	91.9	78.3	144.8	76.5	0.908	78	215	SE by S	5	...	Do.
5	29.847	0.122	82.7	77.7	90.2	77.0	144.6	74.4	0.884	80	175	SE by S	15	...	Do.
6	29.848	0.150	81.7	76.3	90.8	74.5	143.8	71.7	0.835	77	153	S S E	12	...	Do.
7	29.858	0.122	81.2	75.4	88.8	74.6	141.8	72.7	0.803	75	134	SE by S	13	...	Do.
8	29.821	0.149	81.7	75.0	89.2	73.8	142.2	70.8	0.779	73	151	S S E	10	...	Clear.
9	29.842	0.150	81.6	76.0	89.2	74.1	140.9	71.7	0.824	77	155	S S E	15	...	Fine.
10	29.792	0.144	82.3	76.8	89.4	74.1	142.7	69.4	0.849	77	180	S S E	12	...	Do.
11	29.779	0.105	83.3	78.1	92.6	76.9	146.8	74.3	0.892	78	196	S S E	43	...	Passing clouds.
12	29.785	0.111	83.5	78.3	91.3	76.0	145.4	73.9	0.899	79	193	S S E	15	...	Fine.
13	29.794	0.175	83.5	76.2	91.3	76.7	144.6	74.3	0.806	70	192	S by E	33	...	Passing clouds.
14	29.774	0.138	82.7	77.0	91.5	73.9	146.5	71.4	0.852	76	212	S S E	30	...	Do.
15	29.795	0.155	83.3	77.3	93.2	75.1	148.0	72.5	0.857	75	189	S S E	37	...	Do.
16	29.819	0.144	84.7	78.5	95.2	77.0	150.3	74.6	0.892	76	209	S S E	28	...	Do.
17	29.824	0.149	85.8	79.8	95.9	80.4	149.5	79.1	0.937	76	237	S by E	2	...	Fine.
18	29.844	0.127	85.6	81.2	93.1	80.2	142.5	79.0	1.006	82	175	SE by S	8	...	Do.
19	29.864	0.107	85.4	79.3	93.6	79.0	144.9	76.6	0.920	76	136	SE by S	30	...	Passing clouds.
20	29.855	0.124	83.9	78.0	93.2	76.9	143.1	75.2	0.880	76	170	S S E	10	...	Clear.
21	29.868	0.092	83.6	77.6	91.4	76.5	142.5	75.0	0.867	76	198	S S E	5	...	Do.
22	29.892	0.149	83.0	76.7	90.8	75.8	141.1	72.8	0.835	74	158	SE by S	32	...	Passing clouds.
23	29.927	0.121	83.2	76.9	91.6	74.8	140.9	72.4	0.841	74	127	S E	33	...	Do.
24	29.887	0.134	83.9	77.5	92.1	75.6	144.7	72.6	0.858	74	171	S S E	25	...	Do.
25	29.852	0.117	84.5	78.5	92.5	77.0	142.7	74.6	0.895	76	199	SE by S	27	...	Do.
26	29.851	0.120	84.5	78.3	91.7	78.0	144.5	75.7	0.886	75	174	S S E	30	...	Do.
27	29.857	0.106	84.8	78.9	92.8	78.5	145.7	76.0	0.909	76	183	S S E	30	...	Do.
28	29.821	0.140	84.9	79.2	92.2	78.2	144.8	75.9	0.922	77	167	SE by S	28	...	Do.
29	29.815	0.152	85.4	79.2	93.4	77.8	145.5	75.6	0.915	76	170	SE by S	35	...	Do.
30	29.823	0.161	85.2	78.0	94.0	78.4	152.5	75.8	0.863	71	143	E by S	40	...	Do.
Mean	29.837	0.134	83.7	77.8	92.1	76.7	144.9	74.4	0.878	76	180	S S E	22	Nil.	

Madras Meteorological Observations. 1886—May.

May 1886	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Points	Inches	
1	29.816	0.136	85.4	78.5	95.3	78.1	146.4	75.8	0.883	72	116	East	40	...	Passing clouds.
2	29.791	0.100	84.9	79.3	94.6	79.1	153.3	76.5	0.927	77	113	East	50	0.04	Do.
3	29.784	0.099	87.0	78.4	94.5	79.4	146.9	76.5	0.857	67	93	E by S	30	...	Do.
4	29.781	0.122	87.6	77.7	98.9	79.4	149.6	75.1	0.817	63	156	NE by E	40	...	Do.
5	29.764	0.134	87.0	78.9	99.1	80.3	151.0	74.7	0.879	69	113	S E	40	...	Do.
6	29.753	0.125	88.2	82.4	99.3	82.3	147.5	75.3	1.030	78	138	S S E	45	...	Do.
7	29.712	0.164	89.9	81.2	103.5	83.7	150.6	82.3	0.948	68	210	South	35	...	Do.
8	29.722	0.126	89.7	77.0	102.8	82.5	152.3	81.5	0.757	55	178	W S W	70	...	Cloudy.
9	29.676	0.129	90.3	79.5	106.5	83.2	153.6	81.8	0.862	61	226	S by W	40	...	Passing clouds : lg. S. W.
10	29.682	0.153	90.1	79.2	105.2	84.9	152.3	84.1	0.851	60	243	S by W	40	...	Passing clouds.
11	29.695	0.121	89.0	79.5	106.2	81.6	153.4	80.5	0.880	65	238	South	20	...	Fine.
12	29.673	0.160	89.4	80.3	103.2	83.5	151.8	80.5	0.912	66	245	South	12	...	Do.
13	29.704	0.162	88.1	81.9	93.9	84.4	145.7	80.9	1.006	76	337	S S E	30	...	Passing clouds.
14	29.726	0.098	79.3	74.8	93.2	69.7	144.1	68.9	0.803	80	163	S S E	75	1.69	Cloudy : thunderstorm 2-30 to 4 A.M.
15	29.743	0.152	84.5	78.2	94.3	78.1	141.3	75.1	0.881	74	164	S S E	30	...	Passing clouds.
16	29.791	0.116	85.8	80.1	90.9	81.6	143.8	80.6	0.951	78	180	SE by S	30	...	Do.
17	29.798	0.153	85.0	79.5	91.9	79.7	142.9	79.1	0.935	77	156	SE by S	33	...	Do.
18	29.784	0.144	86.2	79.9	94.1	79.6	146.1	77.9	0.937	74	115	SE by E	45	...	Do.
19	29.779	0.109	85.8	79.2	92.0	80.2	142.7	77.7	0.910	74	140	S E	35	...	Do.
20	29.786	0.128	85.5	78.2	94.1	78.6	147.3	77.1	0.868	71	129	S E	40	...	Do.
21	29.795	0.137	85.6	78.6	93.6	80.2	143.9	77.9	0.885	72	102	SE by E	40	...	Do.
22	29.750	0.067	87.1	79.1	96.0	80.3	145.8	77.7	0.887	69	149	E N E	42	...	Do.
23	29.639	0.111	80.7	77.9	83.2	78.4	97.9	77.5	0.919	88	360	NE by N	97	1.79	Stormy : th. : rain.
24	29.660	0.087	79.3	77.0	85.4	77.3	131.1	75.7	0.898	90	248	SE by E	85	1.14	Overcast with showers : lg.
25	29.657	0.109	80.8	77.7	86.3	77.3	138.0	76.0	0.910	86	189	S by E	80	0.15	Cloudy : rain : lg.
26	29.714	0.108	83.2	78.5	88.4	77.6	139.5	76.7	0.913	82	181	South	60	0.23	Passing clouds : rain : lg.
27	29.694	0.124	84.7	78.5	93.9	77.3	140.2	75.8	0.892	76	147	S by W	40	0.01	Passing clouds.
28	29.667	0.128	87.7	79.7	100.3	79.7	144.7	77.8	0.907	69	175	S S W	15	...	Fine : lg.
29	29.677	0.151	89.0	80.4	99.1	83.4	155.7	82.6	0.923	68	173	S S W	43	...	Passing clouds.
30	29.701	0.123	81.1	78.4	84.2	78.3	109.9	76.5	0.937	89	130	S by E	95	0.12	Cloudy : thunderstorm.
31	29.725	0.139	79.4	76.1	83.6	76.8	99.0	75.7	0.857	86	88	SW by W	95	0.61	Overcast : thunderstorm.
Mean	29.730	0.126	85.7	78.9	95.1	79.9	142.2	77.8	0.897	74	174	SE by S	47	5.78	

Note.—23rd.—A moderate cyclone moving north-westerly ; strongest between 3 and 4 P.M. when the wind was NE by E and its hourly velocity 24 miles.

Madras Meteorological Observations. 1886—June.

June 1886	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city.	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.722	0.151	80.2	76.3	94.1	78.5	141.8	77.7	0.855	82	107	S W	77	1.39	Cloudy : two thunderstorms.
2	29.737	0.126	80.7	77.2	90.7	70.3	139.4	70.3	0.888	85	143	SW by S	68	0.04	Cloudy : th.
3	29.743	0.084	80.7	76.8	91.8	76.6	135.0	74.8	0.870	83	150	SW by S	92	0.20	Overcast : thunderstorm 4-30 P.M.
4	29.739	0.141	80.8	76.9	88.0	76.9	121.0	76.6	0.873	83	179	SW by S	100	0.75	Overcast : thunderstorm 7-30 A.M.
5	69.704	0.119	81.6	76.7	93.2	75.8	136.7	74.8	0.854	79	168	SW by S	48	0.38	Fine day : thunderstorm 7-30 P.M.
6	29.705	0.137	81.4	77.3	93.1	76.2	139.4	74.3	0.883	83	174	SW by S	52	0.67	Passing clouds : th. : lg. & rain.
7	29.726	0.118	81.1	76.3	93.7	76.2	136.8	74.8	0.843	79	179	S S W	58	0.01	Passing clouds : th.
8	29.692	0.135	85.3	79.2	93.4	78.2	141.0	76.4	0.917	76	205	SW by S	52	0.39	Passing cl. : th. storm at 11-30 P.M.
9	29.712	0.078	81.8	77.8	93.3	71.2	135.7	70.6	0.900	83	193	S W	43	0.21	Fine day : rain till 2 A.M.
10	29.758	0.104	83.2	79.2	92.0	77.9	135.0	76.4	0.945	83	175	S by W	35	...	Passing clouds.
11	29.751	0.128	84.5	79.4	93.8	78.2	140.9	76.8	0.936	79	208	Sonth	10	...	Fine.
12	29.699	0.172	86.0	79.5	98.9	79.7	141.5	77.8	0.920	74	181	S S W	25	...	Do.
13	29.610	0.125	87.1	79.3	98.7	81.3	141.9	80.0	0.897	69	177	SWbyW	25	...	Fine : lg.
14	29.601	0.083	85.6	78.3	97.3	80.4	138.1	79.0	0.871	71	200	W S W	70	1.46	Cloudy : thuuderstorm at 10 P.M.
15	29.599	0.100	82.7	76.7	93.7	76.1	142.7	74.8	0.839	75	180	W S W	62	0.03	Passing clouds: th.
16	29.601	0.151	86.0	76.6	95.0	79.2	142.8	78.0	0.790	64	272	SW by W	47	...	Passing clouds.
17	29.605	0.130	86.4	76.4	94.6	79.8	134.3	77.2	0.776	62	267	SWby W	60	...	Do.
18	29.605	0.135	86.2	78.2	96.2	80.2	146.0	76.0	0.858	68	212	S W	48	...	Do.
19	29.671	0.103	85.2	78.0	96.7	80.5	143.4	79.2	0.863	72	206	SWbyW	57	0.06	Passing clouds : lg.
20	29.705	0.090	82.7	77.8	86.4	78.5	100.6	78.2	0.888	79	91	SW	98	...	Cloudy.
21	29.724	0.096	84.1	78.9	96.1	78.8	141.6	77.6	0.918	79	142	Var.	60	0.57	Passing clouds : rain.
22	29.745	0.149	83.3	78.1	95.5	75.4	141.2	73.6	0.893	79	107	S by E	63	0.60	Passing clouds.
23	29.751	0.114	84.7	77.8	96.1	78.7	139.6	77.2	0.863	73	132	S S W	22	...	Do.
24	29.761	0.117	85.6	78.7	97.3	80.4	142.8	78.4	0.889	73	144	South	8	...	Fine.
25	29.757	0.146	86.2	79.7	98.5	81.4	148.5	78.2	0.927	76	178	S by W	15	...	Fine : th.
26	29.724	0.143	83.9	78.1	93.0	80.2	128.5	78.2	0.883	75	119	SWby W	55	...	Passing clouds : th.
27	29.704	0.161	86.3	79.7	98.6	81.4	150.5	79.2	0.926	74	142	S by W	30	...	Do. : do.
28	29.734	0.116	82.7	78.4	95.1	77.0	139.8	75.0	0.915	83	132	S S W	85	0.15	Cloudy : lg.
29	29.698	0.147	83.1	78.8	94.1	77.3	148.0	75.9	0.928	82	137	S S W	70	0.27	Cloudy : th.
30	29.682	0.167	80.9	76.6	89.6	75.4	122.8	73.2	0.859	82	110	SW by S	92	0.49	Do. : do.
Mean	30.699	0.126	83.7	78.0	94.3	77.9	137.9	76.3	0.882	77	167	SW by S	54	7.67	

Madras Meteorological Observations. 1886—July.

July 1886	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion.			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.692	0.117	80.0	77.4	88.4	75.4	123.6	73.9	0.906	89	133	SW by S	90	0.27	Cloudy : rain : lg.
2	29.698	0.107	82.2	76.0	93.2	78.7	139.5	77.6	0.815	75	139	S S W	60	0.18	Fine day : rain : lg.
3	29.731	0.140	80.7	77.1	88.6	74.7	131.3	74.1	0.883	85	88	S S W	70	0.93	Rainy morning : fine day : th. & lg.
4	29.756	0.112	80.0	75.5	90.9	71.8	135.6	70.1	0.824	80	144	N N W	65	0.01	Cloudy day : fine night : lg. S. W.
5	29.778	0.091	82.3	77.7	91.1	75.6	139.7	74.1	0.889	81	88	N E	40	0.03	Passing clouds.
6	29.800	0.106	83.4	78.1	90.3	79.2	137.1	77.1	0.892	78	98	S S E	35	...	Cloudy morn. : fine day : th. & lg. W.
7	29.798	0.095	83.7	78.5	92.7	78.2	137.9	76.8	0.906	79	140	South	32	...	Passing clouds.
8	29.738	0.109	83.4	77.4	94.6	78.7	140.9	77.1	0.860	75	129	S S W	30	...	Passing clouds : th. and lg. W.
9	29.694	0.141	83.9	78.2	92.1	78.2	139.7	77.1	0.889	77	165	SW by S	70	...	Passing clouds.
10	29.689	0.123	84.0	75.8	88.7	79.0	117.5	75.1	0.782	68	145	S W	90	...	Cloudy.
11	29.684	0.134	83.4	75.6	92.6	78.9	146.7	76.5	0.781	68	211	S W	85	...	Do.
12	29.664	0.117	85.3	76.9	93.5	78.3	139.2	77.1	0.812	66	214	S W	65	...	Passing clouds : lg.
13	29.701	0.118	82.3	75.7	90.6	78.4	121.2	78.1	0.801	73	127	West	77	0.17	Light rain : th. and lg.
14	29.737	0.146	80.9	76.2	88.1	75.2	122.1	73.3	0.841	80	73	W S W	98	0.15	Overcast.
15	29.715	0.131	82.6	76.2	92.3	77.2	131.1	75.4	0.818	73	178	SW by W	68	0.92	Cloudy : rain : th. and lg.
16	29.677	0.109	83.2	76.4	94.4	76.2	138.5	74.6	0.820	72	156	W by S	65	...	Passing clouds : th. and lg.
17	29.672	0.141	83.4	76.5	93.2	78.1	134.8	74.5	0.820	72	121	W by N	77	...	Cloudy.
18	29.648	0.129	84.5	76.6	96.0	77.6	144.0	75.3	0.810	68	160	N W	63	0.03	Passing clouds.
19	29.660	0.138	85.7	76.3	95.7	78.1	143.8	77.3	0.781	63	155	W by S	58	...	Do.
20	29.699	0.121	86.3	77.2	93.5	79.3	133.2	77.3	0.812	65	178	SW by W	72	...	Cloudy.
21	29.678	0.145	85.9	76.2	91.1	80.8	126.8	79.3	0.774	63	184	W S W	65	...	Passing clouds.
22	29.675	0.146	84.2	76.2	91.6	79.7	139.6	77.1	0.797	68	191	SW by W	80	0.01	Cloudy.
23	29.698	0.123	84.1	77.5	93.4	77.8	146.4	77.5	0.855	74	188	SW by S	80	...	Do.
24	29.739	0.125	82.2	76.7	96.7	78.8	149.2	77.5	0.846	77	160	S S W	63	0.97	Cloudy : thunderstorm 7-30 to 8 P.M.
25	29.761	0.145	84.3	79.0	92.7	77.5	139.7	76.3	0.921	78	116	S W	70	...	Cloudy.
26	29.728	0.145	84.2	77.9	90.1	79.3	116.7	77.8	0.872	74	73	W by S	87	0.87	Cloudy day : rainy night : th. & lg. N.
27	29.716	0.141	81.3	77.7	92.6	73.5	143.7	73.3	0.902	85	85	S W	73	0.47	Cloudy : thunderstorm.
28	29.735	0.071	78.8	76.1	91.6	73.8	144.2	72.5	0.865	89	126	S W	70	0.60	Showery : thunderstorm 4 to 6 P.M.
29	29.750	0.077	82.1	78.0	92.1	76.6	141.2	76.3	0.905	83	134	N by W	70	...	Passing clouds.
30	29.788	0.070	82.9	78.5	95.9	76.7	146.2	76.3	0.916	81	95	South	45	...	Do.
31	29.762	0.149	84.4	79.2	91.3	78.8	142.6	76.9	0.929	79	68	E by S	35	...	Do.
Mean	29.718	0.121	83.1	77.0	92.2	77.4	136.6	75.9	0.849	75	137	S W	66	5.61	

Madras Meteorological Observations. 1886—August.

August 1886	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.719	0.143	81.9	77.7	88.0	77.4	120.7	76.5	0.894	83	104	W S W	77	...	Cloudy.
2	29.732	0.086	81.7	77.6	90.6	77.7	143.0	75.5	0.892	83	85	W by N	67	0.02	Passing clouds : th.
3	29.764	0.066	81.0	76.7	93.1	77.2	146.1	75.5	0.862	82	121	W by S	43	0.02	Passing clouds.
4	29.765	0.113	80.4	77.3	90.5	75.8	145.6	75.3	0.898	87	83	SW by W	70	0.26	Passing clouds : rain.
5	29.726	0.140	82.9	78.4	90.6	76.3	142.4	74.7	0.912	81	66	S by W	45	...	Passing clouds : th. and lg.
6	29.754	0.095	83.0	77.5	94.6	76.2	148.1	74.5	0.871	77	154	SW by S	37	...	Passing clouds.
7	29.797	0.107	82.1	77.1	91.5	75.3	149.6	74.5	0.865	79	97	N by E	45	...	Do.
8	29.777	0.078	80.2	76.5	88.4	77.3	142.5	75.0	0.864	85	81	S W	58	0.42	Showery.
9	29.737	0.091	80.1	76.0	88.7	77.1	133.0	75.5	0.843	82	62	W by S	85	...	Cloudy.
10	29.719	0.103	80.1	76.7	88.0	76.5	113.8	74.7	0.874	85	97	W by N	92	0.01	Cloudy : th. and lg.
11	29.703	0.099	81.7	77.1	88.3	77.8	121.5	75.3	0.868	81	93	W S W	97	0.03	Cloudy.
12	29.686	0.147	76.4	74.2	77.7	74.7	82.5	72.7	0.817	90	130	SW by W	100	0.39	Overcast with rain.
13	29.689	0.121	82.3	77.0	92.8	73.1	139.4	71.9	0.858	78	131	W by S	60	0.36	Passing clouds : th., lg. and rain.
14	29.719	0.148	80.6	75.4	89.9	76.3	130.0	75.3	0.810	78	148	W S W	90	0.12	Cloudy : th. and lg.
15	29.666	0.133	82.2	76.1	89.5	75.3	138.2	74.0	0.819	75	189	SW by W	85	...	Cloudy : lg.
16	29.684	0.109	81.8	75.7	88.7	78.4	123.1	75.9	0.810	75	196	SW by W	92	0.09	Cloudy : th. and lg.
17	29.725	0.104	82.3	76.1	91.3	76.1	141.3	74.6	0.818	75	168	W S W	80	0.14	Cloudy : rain.
18	29.684	0.106	81.4	75.6	89.4	78.1	148.1	76.6	0.809	76	170	SW by W	98	0.11	Do. : do.
19	29.658	0.154	83.5	75.6	92.1	78.8	143.3	75.4	0.782	68	216	W S W	60	...	Passing clouds : lg.
20	29.685	0.129	83.1	75.4	92.2	77.6	149.1	75.2	0.777	69	164	SW by W	55	...	Passing clouds.
21	29.740	0.084	82.7	76.6	94.8	79.1	151.1	78.1	0.834	75	139	SW by W	50	0.02	Do.
22	29.779	0.101	83.6	77.0	92.8	80.6	140.6	76.6	0.840	73	104	S by W	75	...	Cloudy.
23	29.813	0.098	83.7	78.4	95.1	78.4	153.3	76.0	0.902	78	113	S by E	47	...	Passing clouds.
24	29.814	0.138	84.5	77.0	92.6	80.3	145.6	78.3	0.828	70	123	South	55	...	Do.
25	29.790	0.132	83.7	75.6	91.4	79.6	137.1	78.4	0.779	68	148	S W	75	...	Cloudy : th. and lg.
26	29.771	0.132	84.0	76.8	93.8	77.4	151.3	74.6	0.826	72	151	S S W	65	...	Passing clouds.
27	29.768	0.122	84.7	76.5	93.7	78.8	141.3	76.6	0.802	67	164	SW by W	53	0.25	Passing clouds : lg. : rain.
28	29.729	0.150	80.4	76.5	91.3	72.7	140.3	71.6	0.861	83	154	SW by W	85	0.33	Cloudy : th. and lg. : rain.
29	29.708	0.109	84.0	78.3	94.4	77.7	142.1	76.1	0.892	77	107	SW by S	37	...	Passing clouds : lg.
30	29.718	0.142	85.0	79.3	94.8	78.6	148.5	77.1	0.925	77	138	S by W	42	...	Passing clouds.
31	29.715	0.109	85.0	77.7	95.7	78.3	150.1	76.6	0.853	71	156	S by E	28	...	Passing clouds : lg.
Mean	29.733	0.116	82.3	76.8	91.2	77.2	138.8	75.4	0.848	77	131	S W	66	2.57	

Madras Meteorological Observations. 1886— September.

September 1886	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
	Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles				Cents	Cents	Inches
1	29.722	0.108	84.0	77.0	92.2	77.1	138.2	75.4	0.834	72	122	West	50	...	Passing clouds.
2	29.730	0.123	80.6	75.0	87.6	76.6	120.0	75.8	0.794	76	99	W N W	70	...	Do.
3	29.784	0.089	82.3	76.8	91.2	76.5	149.0	72.6	0.849	77	54	S by W	30	0.01	Do.
4	29.812	0.131	83.9	78.4	94.1	76.6	150.7	74.6	0.899	77	87	S E	40	...	Do.
5	29.819	0.123	83.8	78.0	92.4	76.3	147.8	73.4	0.882	76	101	SE by S	25	...	Do.
6	29.809	0.131	82.9	76.9	90.1	80.4	147.0	75.5	0.845	75	148	S by E	57	0.07	Do.
7	29.768	0.150	82.5	77.6	93.7	76.5	151.0	75.4	0.882	79	178	S S W	50	0.01	Passing clouds : th. and lg.
8	29.784	0.113	80.8	76.1	95.2	76.8	150.2	75.7	0.838	80	138	W S W	65	0.06	Do. : do.
9	29.784	0.131	82.4	77.4	90.8	76.1	124.7	75.9	0.874	79	137	S W	85	...	Cloudy : th and lg.
10	29.776	0.115	83.9	77.3	94.8	77.3	144.0	75.8	0.849	73	162	W S W	60	...	Passing clouds.
11	29.771	0.125	84.8	77.2	94.2	76.6	140.8	75.4	0.833	70	167	West	58	...	Do.
12	29.757	0.144	84.9	76.8	98.8	77.3	154.3	75.7	0.813	68	200	S S W	27	...	Do.
13	29.776	0.115	84.7	76.5	96.8	77.3	149.8	76.4	0.803	68	166	SW by S	45	...	Do.
14	29.785	0.127	88.0	77.3	98.1	79.3	149.2	78.0	0.793	60	194	S W	50	...	Do.
15	29.790	0.135	85.3	76.6	96.1	79.5	151.4	78.4	0.799	66	158	West	50	...	Do.
16	29.746	0.162	85.1	77.2	98.2	78.6	156.6	76.5	0.828	69	156	South	32	0.09	Do.
17	29.733	0.128	87.3	76.4	96.5	79.4	148.8	74.5	0.763	59	158	S W	40	...	Do.
18	29.762	0.154	86.5	77.8	99.4	79.4	156.9	77.1	0.836	66	143	S by W	40	...	Do.
19	29.765	0.138	85.5	77.3	96.3	79.4	156.3	77.5	0.827	68	117	S by E	45	...	Do.
20	29.793	0.112	83.7	77.3	95.2	78.4	148.1	76.1	0.851	73	133	S W	53	...	Passing clouds : th. and lg.
21	29.808	0.144	83.7	77.8	96.6	78.6	153.6	76.8	0.874	75	109	SW by W	42	...	Do. : do.
22	29.799	0.175	84.5	78.3	97.6	76.9	152.4	75.6	0.886	75	162	S by W	25	...	Passing clouds : lg.
23	29.773	0.153	85.6	79.0	95.3	79.0	149.7	77.8	0.903	74	192	S by W	15	...	Fine.
24	29.771	0.144	86.0	79.0	96.6	79.4	147.9	78.2	0.898	72	201	S by W	15	...	Do.
25	29.791	0.122	83.9	76.9	97.2	74.5	151.3	74.5	0.831	72	156	S W	20	...	Fine : lg.
26	29.786	0.117	84.6	77.7	97.2	77.4	153.1	76.5	0.857	72	157	South	20	...	Fine.
27	29.771	0.113	84.5	77.5	94.5	77.5	149.3	76.5	0.850	72	122	W N W	60	...	Passing clouds.
28	29.757	0.135	80.0	77.0	88.6	77.5	137.1	72.5	0.889	87	77	W by N	80	0.43	Light thunderstorm before sunrise.
29	29.701	0.115	82.1	78.0	85.4	77.4	101.1	75.8	0.905	83	92	S W	91	...	Cloudy.
30	29.702	0.136	82.7	77.2	95.0	76.4	145.9	74.7	0.861	77	124	S S W	60	0.18	Passing clouds : th. and lg.
Mean	29.771	0.130	84.0	77.3	94.5	77.7	145.9	75.8	0.848	73	140	SW by S	47	0.85	

Madras Meteorological Observations. 1886—October.

October 1886	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.738	0.154	84.0	77.1	93.8	76.4	146.3	74.4	0.838	72	111	S S W	65	2.88	Cloudy : thunderstorm.
2	29.768	0.116	81.1	75.7	91.8	72.5	150.7	71.4	0.817	77	99	N N W	70	0.42	Cloudy : rain : lg.
3	29.803	0.119	78.3	75.3	84.9	73.9	101.3	73.8	0.838	86	31	W by N	100	1.02	Thunderstorm 3-30 A.M. : overcast.
4	29.822	0.132	81.8	77.2	87.3	77.2	136.8	75.3	0.874	81	51	W by N	82	0.02	Nearly overcast.
5	29.863	0.103	77.1	74.9	82.4	72.0	108.9	70.3	0.837	90	85	W by N	98	0.69	Thunderstorm about 6 A.M.
6	29.852	0.161	80.1	75.7	85.1	74.4	113.9	72.8	0.830	80	96	West	95	0.06	Overcast.
7	29.866	0.114	81.5	76.5	87.7	78.2	123.7	75.7	0.847	79	100	SW by W	97	0.10	Cloudy : rain.
8	29.797	0.165	82.3	77.0	90.8	75.9	139.3	74.3	0.858	80	86	W by N	78	0.07	Cloudy : th. and lg.
9	29.767	0.162	81.5	77.0	89.5	76.4	112.2	74.3	0.868	81	114	W by S	90	...	Cloudy.
10	29.733	0.150	81.1	77.2	91.7	75.9	141.1	74.5	0.882	83	115	W by N	80	0.14	Cloudy : rain.
11	29.720	0.125	80.2	75.8	88.2	75.9	143.1	73.9	0.833	80	133	W by N	67	0.33	Do. : do
12	29.725	0.107	78.3	74.0	81.9	74.2	111.4	73.1	0.783	80	182	West	92	0.02	Cloudy.
13	29.732	0.124	81.0	76.6	89.4	75.7	140.3	74.5	0.857	81	98	W N W	63	...	Passing clouds.
14	29.769	0.105	80.2	78.1	88.8	76.5	141.9	74.3	0.935	91	42	NE by N	90	0.21	Cloudy : rain.
15	29.802	0.120	79.2	76.0	82.9	77.7	107.7	75.0	0.856	86	66	NE by E	78	0.01	Cloudy.
16	29.800	0.152	80.8	75.1	90.4	73.7	154.2	72.4	0.796	76	49	South	72	...	Passing clouds.
17	29.803	0.082	80.7	77.2	90.5	76.4	147.7	74.4	0.888	85	36	NE by E	65	...	Do.
18	29.777	0.145	81.9	77.6	90.9	74.4	143.4	72.9	0.890	82	114	NW by W	40	...	Do.
19	29.746	0.121	83.5	77.8	93.4	76.6	140.2	74.4	0.877	77	115	S S W	30	...	Do.
20	29.839	0.135	81.4	77.4	90.9	77.2	137.4	74.4	0.887	83	117	S by E	43	...	Do.
21	29.851	0.130	82.8	77.8	90.5	76.5	146.3	73.7	0.887	79	56	S by E	45	...	Do.
22	29.838	0.147	80.6	76.9	87.1	77.9	127.4	76.6	0.876	84	48	E S E	70	...	Do.
23	29.879	0.109	82.0	77.3	89.6	75.4	140.3	73.2	0.875	80	72	East	32	...	Do.
24	29.924	0.129	80.9	77.6	88.5	75.4	141.1	74.0	0.904	86	52	E S E	50	0.29	Passing clouds : rain.
25	29.831	0.160	81.5	77.7	90.1	75.1	149.3	72.6	0.900	83	65	NE by N	38	0.01	Passing clouds.
26	29.774	0.163	81.4	76.9	89.5	75.4	132.1	72.6	0.865	81	53	N N E	40	...	Do.
27	29.847	0.094	80.8	77.3	88.7	74.9	150.1	72.4	0.891	85	48	E S E	57	0.09	Do.
28	29.908	0.120	80.3	76.4	86.4	73.0	129.1	72.4	0.860	82	89	NE by N	53	0.77	Thunderstorm 2-30 to 4 A.M.
29	29.912	0.120	78.4	76.8	83.5	75.5	123.7	73.9	0.901	93	44	North	90	0.83	Cloudy : lg. : rain.
30	29.861	0.151	81.0	77.7	89.5	75.4	147.6	74.4	0.907	86	93	N N E	57	0.18	Passing clouds : rain.
31	29.862	0.151	80.2	77.0	87.8	73.8	141.4	73.0	0.886	86	76	NE by N	75	1.95	Heavy thunderstorm before 1 A.M.
Mean	29.813	0.131	80.8	76.7	88.5	75.5	134.5	73.7	0.866	82	82	N by W	68	10.09	

Madras Meteorological Observations. 1886—November.

November 1886	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.882	0.108	81.4	77.5	88.9	74.8	143.0	65.1	0.892	83	123	N E	60	0.16	Passing clouds.
2	29.884	0.147	78.6	75.8	87.8	73.6	146.4	73.4	0.855	88	105	NE by N	73	1.38	Cloudy : rain.
3	29.883	0.121	79.6	75.0	89.2	72.6	145.6	71.3	0.808	80	204	N E	88	1.12	Cloudy : th. and lg. : rain.
4	29.912	0.109	74.4	72.9	83.7	72.2	136.4	71.6	0.791	93	142	N by E	100	2.67	Overcast : th. and lg. : rain.
5	29.842	0.119	79.0	75.8	86.6	74.2	135.0	73.5	0.850	86	225	N by E	70	0.34	Cloudy : th. and lg. : rain.
6	29.816	0.112	78.1	73.7	83.7	73.3	138.3	71.2	0.773	80	199	North	47	...	Passing clouds.
7	29.804	0.215	73.0	70.3	75.2	69.8	81.0	66.8	0.707	87	182	NW by N	100	0.50	Overcast : th. and lg. : rain.
8	29.665	0.116	76.1	73.0	80.6	73.7	117.2	71.8	0.772	86	285	NW by N	100	0.53	Do. : do. : do.
9	29.508	0.036	73.5	71.0	74.2	71.4	81.0	69.6	0.725	88	579	SW by W	100	2.90	Cyclone.
10	29.825	0.087	78.8	74.7	85.8	72.5	140.7	71.6	0.806	82	204	S by E	43	0.40	Passing clouds : rain.
11	29.916	0.099	78.2	73.4	85.4	73.0	141.2	70.2	0.760	79	86	S S E	40	0.01	Passing clouds.
12	29.958	0.148	79.8	75.1	86.5	73.1	144.2	71.6	0.809	79	81	E S E	30	...	Do.
13	29.973	0.126	79.6	75.6	88.2	72.9	147.8	70.0	0.833	82	58	N E	25	...	Fine.
14	29.988	0.119	79.8	75.2	88.9	74.1	143.0	71.0	0.814	80	81	N N E	17	...	Do.
15	29.970	0.134	77.7	74.8	86.3	74.5	147.0	71.9	0.824	86	72	N E	65	0.23	Passing clouds : rain.
16	29.942	0.144	77.7	72.5	85.7	73.3	145.6	69.8	0.733	78	115	N N E	55	...	Passing clouds.
17	29.931	0.125	75.2	68.1	84.5	68.3	144.7	64.6	0.593	68	54	N by W	55	...	Do.
18	29.907	0.110	74.2	67.6	84.6	66.4	135.9	62.6	0.589	70	34	N N W	42	...	Do.
19	29.895	0.129	76.6	70.1	86.7	65.6	140.0	61.0	0.650	71	121	North	8	...	Fine.
20	29.942	0.120	77.7	72.2	86.0	69.3	144.8	65.8	0.715	75	148	N N E	35	...	Passing clouds.
21	29.959	0.130	77.3	72.3	86.5	70.1	141.8	65.6	0.727	77	112	N N E	25	...	Do.
22	29.952	0.120	76.5	70.9	85.3	69.7	141.2	65.8	0.681	75	112	N by E	25	...	Fine.
23	29.918	0.152	77.5	70.8	88.2	69.1	140.6	65.8	0.665	71	77	North	15	...	Do.
24	29.922	0.144	78.1	73.4	87.9	71.8	144.8	68.6	0.761	80	83	E S E	20	...	Do.
25	29.931	0.131	79.8	75.0	86.8	71.8	143.2	68.6	0.805	79	140	East	50	0.02	Passing clouds.
26	29.958	0.136	80.7	74.5	88.3	74.0	145.1	71.6	0.772	74	164	NE by E	35	...	Do.
27	29.939	0.110	79.7	73.9	87.8	74.1	145.5	71.6	0.760	75	124	N E	35	...	Do.
28	29.940	0.125	78.5	73.9	87.5	71.6	146.5	68.3	0.777	80	154	NE by N	35	...	Do.
29	29.925	0.131	80.2	74.4	87.5	73.8	139.8	71.4	0.775	75	232	N N E	45	...	Do.
30	29.938	0.101	77.0	73.8	82.6	75.8	133.0	73.6	0.792	86	264	N N E	80	0.82	Cloudy : rain.
Mean	29.894	0.123	77.8	73.2	85.6	72.0	137.3	69.2	0.760	80	152	NE by N	51	11.08	

Note.—9th.—This cyclone was one of considerable severity. The centre struck the coast about 50 miles N. of Madras and the storm crossed the Peninsula and the Arabian Sea. The lowest barometric pressure at Madras was 29.251 (reduced) at 1 p.m., and the maximum wind velocity was 45 miles per hour. For an account of the storm, see *Indian Meteorological Memoirs*, Vol. IV., Part IV.

Madras Meteorological Observations. 1886—December.

December 1886	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.							
									Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.927	0.108	75.5	71.5	83.9	73.5	142.0	72.0	0.719	82	214	N by E	60	...	Passing clouds.
2	29.940	0.096	74.0	69.1	82.6	67.5	142.0	65.1	0.647	76	185	North	55	0.04	Do.
3	29.957	0.116	73.7	72.0	79.5	70.8	122.7	69.6	0.763	92	142	North	90	2.23	Cloudy and rainy.
4	29.960	0.125	78.1	74.4	84.5	71.6	137.0	71.3	0.803	83	239	N by E	55	0.10	Passing clouds : rain.
5	29.961	0.100	77.7	72.9	82.3	76.3	136.8	74.1	0.746	79	323	N N E	65	0.02	Passing clouds.
6	29.944	0.136	74.9	69.9	82.5	70.3	140.2	68.4	0.666	77	233	North	70	...	Do.
7	29.932	0.144	71.7	66.1	78.5	68.5	137.6	67.2	0.568	73	198	N by W	87	...	Cloudy.
8	29.839	0.168	73.4	66.5	78.6	67.3	136.4	64.3	0.560	68	303	N by W	75	...	Do.
9	29.668	0.138	68.4	67.4	75.6	61.3	80.7	59.3	0.659	95	422	N N W	100	0.70	Overcast with rain.
10	29.905	0.103	73.8	70.5	78.8	67.7	126.4	67.3	0.704	85	155	South	75	...	Cloudy.
11	29.948	0.106	75.5	72.3	84.2	69.9	140.6	67.3	0.751	85	63	S E	32	...	Passing clouds.
12	29.944	0.119	75.4	71.7	84.9	68.5	141.3	65.3	0.728	83	55	E by N	25	...	Fine.
13	29.958	0.116	77.2	74.3	86.0	71.3	140.0	68.8	0.810	86	110	N E	45	0.01	Passing clouds.
14	29.985	0.135	77.4	74.4	87.5	72.6	141.0	70.1	0.812	86	50	E S E	40	...	Do.
15	29.980	0.146	77.8	74.2	86.0	71.9	138.1	69.5	0.799	84	57	E S E	28	...	Do.
16	29.997	0.111	77.9	74.3	87.1	72.3	141.9	69.4	0.801	84	119	NE by E	40	...	Do.
17	30.029	0.110	77.7	73.0	86.2	71.5	142.3	68.4	0.750	79	131	N E	35	...	Do.
18	30.039	0.126	76.1	72.3	84.4	70.5	139.3	67.1	0.743	83	198	NE by N	45	0.07	Do.
19	30.073	0.119	76.0	69.1	82.5	73.6	138.1	69.9	0.620	69	269	NE by N	35	...	Do.
20	30.033	0.122	76.0	68.4	81.6	69.7	141.9	65.7	0.594	66	136	N N E	40	...	Do.
21	30.021	0.142	74.8	69.1	82.9	69.4	139.5	68.0	0.636	74	118	NE by N	55	...	Do.
22	30.030	0.140	73.0	70.2	83.2	67.1	139.9	62.6	0.702	87	108	N N E	40	...	Do.
23	30.021	0.135	75.1	69.8	84.6	69.6	142.1	65.4	0.659	75	91	NE by N	50	...	Do.
24	30.017	0.118	74.3	69.3	83.4	66.8	140.1	62.6	0.651	76	128	N N E	45	...	Do.
25	30.045	0.103	76.6	70.8	84.4	69.1	142.1	65.4	0.677	74	155	N E	40	0.01	Do.
26	30.075	0.119	77.9	70.9	84.0	73.6	142.3	70.2	0.664	70	238	N E	30	...	Do.
27	30.062	0.131	75.8	70.6	84.0	67.5	141.1	64.4	0.680	76	206	NE by N	42	...	Do.
28	30.008	0.127	74.0	70.4	82.7	70.2	139.0	69.4	0.697	83	183	N N E	60	0.07	Do.
29	29.983	0.121	73.5	70.7	82.0	68.6	123.5	65.4	0.715	86	135	N N E	42	...	Do.
30	29.993	0.114	74.8	71.6	84.2	68.4	143.6	65.0	0.733	85	146	N E	45	...	Do.
31	30.005	0.105	75.6	70.9	84.0	69.1	141.1	65.9	0.695	78	165	NE by E	58	...	Do.
Mean	29.977	0.123	75.3	70.9	83.1	69.9	136.8	67.2	0.702	80	170	N E	52	3.25	

Note.—9th.—A small cyclonic storm passed northward of Madras. The greatest force of the wind was between 9 and 10 A.M., but was then only 26 miles an hour from N. by W. The lowest (reduced) reading of the barometer was 29.584 inches at 4 P.M.

Madras Mean Monthly and Annual Meteorological Results in 1886.

	Barometer		Dry Bulb Thermometer				Wet Bulb		Tension of Vapour	Relative Humidity	Sun Maximum	Sun Minimum on Grass	Wind		Rain		Clear Sky	
	Reduced to 32°	Daily Range	Mean	Max.	Min.	Range	Mean	Min.	By Blanford's Tables	Cents			Daily Velocity	Mean Direction	Amount	Days		
Inches	Inches	°	°	°	°	°	°	°	Inches	Cents	°	°	Miles	Points	Points	Inches	No.	Cents
January.....	29-903	0-124	74-5	83-7	67-4	16-3	69-3	65-8	0-647	76	138-7	63-3	130	5	N E by E	0-52	1	59
February.....	29-979	0-134	76-6	86-6	67-7	18-9	70-4	66-3	0-665	73	142-3	64-2	111	7	E by N	...	...	73
March.....	29-908	0-139	80-4	88-9	73-0	15-9	74-8	71-6	0-788	76	143-2	70-7	141	12	S E	0-36	4	72
April.....	29-837	0-134	83-7	92-1	76-7	15-4	77-8	75-1	0-878	76	144-9	74-4	180	14	S S E	...	...	78
May.....	29-730	0-126	85-7	95-1	79-9	15-2	78-9	76-1	0-897	74	142-2	77-8	174	13	S E by S	5-78	9	53
June.....	29-609	0-126	83-7	94-3	77-9	16-4	78-0	75-0	0-882	77	137-9	76-3	167	19	SW by S	7-67	17	46
July.....	29-718	0-121	83-1	92-2	77-4	14-8	77-0	74-0	0-849	75	136-6	75-9	137	20	S W	5-61	14	34
August.....	29-733	0-116	82-3	91-2	77-2	14-0	76-8	74-4	0-848	77	138-8	75-4	131	20	S W	2-57	15	34
September.....	29-771	0-130	84-0	94-5	77-7	16-8	77-3	74-4	0-848	73	145-9	75-8	140	19	S W by S	0-85	7	53
October.....	29-813	0-131	80-8	88-5	75-5	13-0	76-7	73-8	0-866	82	134-5	73-7	82	31	N by W	10-09	20	32
November.....	29-894	0-123	77-8	85-6	72-0	13-6	73-2	70-8	0-760	80	137-3	69-2	152	3	N E by N	11-08	13	49
December.....	29-977	0-123	75-3	83-1	69-9	13-2	70-9	68-3	0-702	80	136-8	67-2	170	4	N E	3-25	9	48
Annual.....	29-898	0-127	80-7	89-7	74-4	15-3	75-1	72-1	0-803	77	139-9	72-0	143	11	S E by E	47-78	109	53

Madras Extreme Monthly Meteorological Records in 1886.

	Barometer			Dry Bulb Thermometer		Wet Bulb		Humidity		Sun Thermometer		Grass Thermometer		Wind		Rain.							
	Inches	Day	Inches	Lowest	Range	°	Day	°	Day	Cents	°	Day	°	Day	Miles	Day	Inches	Day					
January ...	30-149	9	29-831	25	0-318	86-8	29	63-8	1	62-5	1	54	10	145-2	11	59-4	1	280	3	56	24	0-52	6
February...	30-152	9	29-826	2	0-326	91-5	27	64-6	18	63-0	11	48	24	145-9	17	58-1	18	219	7	47	24	...	...
March	30-115	10	29-714	26	0-401	95-7	25	66-9	17	65-9	17	41	17	148-7	12	63-7	18	216	8	73	17	0-16	9
April	29-981	23	29-696	14	0-285	95-9	17	73-8	8	72-1	9	42	6	152-5	30	69-4	10	237	17	127	23	...	...
May	29-869	1	29-579	23	0-290	106-5	9	69-7	14	69-1	14	33	8	155-7	29	68-9	14	360	23	88	31	1-79	23
June	29-818	25	29-515	16	0-303	98-9	12	70-3	2	69-4	2	52	17	150-5	27	70-3	2	272	16	91	20	1-16	14
July	29-841	7	29-571	18	0-270	96-7	24	71-8	4	69-2	4	46	19	149-2	24	70-1	4	214	12	68	31	0-97	24
August ..	29-886	24	29-574	19	0-312	95-7	31	72-7	28	71-5	28	55	27	153-3	23	71-6	28	216	19	62	9	0-42	8
September.	29-876	22	29-620	30	0-256	99-4	18	74-5	25	72-0	25	44	17	156-9	18	72-5	28	201	24	54	3	0-43	28
October ...	29-980	24	29-648	11	0-332	93-8	1	72-0	5	71-2	5	52	1	154-2	16	70-3	5	182	12	31	3	2-88	1
November..	30-042	14	29-408	9	0-634	89-2	3	65-6	19	64-7	19	45	17	147-8	13	61-0	19	579	9	34	18	2-90	9
December..	30-133	19	29-584	9	0-549	87-5	14	61-3	9	60-7	9	56	8	143-6	30	59-3	9	422	9	50	14	2-23	3

Madras Meteorological Observations. 1887—January.

January 1887	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.980	0.132	74.4	69.7	83.6	67.4	138.2	64.5	0.665	78	156	NE by N	40	...	Passing clouds.
2	29.964	0.127	75.0	71.2	84.5	66.5	140.6	62.9	0.714	83	157	NE by N	62	0.01	Do.
3	29.974	0.114	76.9	72.4	84.5	73.5	139.8	71.1	0.737	79	225	NE by N	48	...	Do.
4	29.964	0.111	75.6	70.1	84.4	67.7	142.4	64.6	0.664	75	169	N E	37	...	Do.
5	29.957	0.107	73.4	68.6	84.2	66.3	142.5	62.9	0.636	77	148	N E	45	...	Do.
6	29.967	0.120	74.2	68.7	84.3	68.9	140.1	63.5	0.629	74	107	NE by E	55	...	Do.
7	29.959	0.147	74.1	68.2	84.5	66.8	138.5	63.8	0.612	72	85	E N E	20	...	Fine.
8	29.944	0.137	72.5	68.4	83.0	63.6	139.4	59.7	0.611	81	72	East	30	...	Passing clouds.
9	29.974	0.124	72.4	68.0	82.5	64.2	136.1	59.3	0.625	78	59	E by S	22	...	Fine.
10	29.997	0.112	73.2	68.2	83.7	64.5	141.8	60.6	0.624	76	62	East	35	...	Passing clouds.
11	30.010	0.110	73.4	68.5	84.2	64.7	142.0	61.3	0.632	76	73	East	35	...	Do.
12	30.009	0.124	74.0	68.9	84.3	64.2	138.4	60.3	0.640	75	98	E by N	28	...	Do.
13	29.984	0.132	75.2	69.4	84.7	66.6	141.4	63.3	0.642	73	132	NE by E	25	...	Fine.
14	29.959	0.130	74.7	70.4	85.5	67.5	141.2	63.3	0.687	80	132	NE by N	35	...	Passing clouds.
15	29.952	0.102	76.0	71.1	85.7	69.4	143.3	67.7	0.697	77	141	NE by N	38	...	Do.
16	29.963	0.118	75.8	70.8	84.5	67.4	143.3	63.5	0.689	77	153	NE by N	35	...	Do.
17	29.935	0.136	76.3	71.0	84.2	67.4	138.5	64.4	0.689	76	179	NE by N	32	...	Do.
18	29.923	0.139	75.6	70.0	85.3	66.2	141.5	62.2	0.660	75	135	NE by E	33	...	Do.
19	29.885	0.170	74.6	69.1	83.9	65.5	143.3	62.1	0.639	74	105	E by N	30	...	Do.
20	29.872	0.130	75.1	70.6	85.7	68.4	144.5	65.2	0.690	79	71	E S E	47	...	Do.
21	29.851	0.157	75.7	71.9	84.5	66.9	140.1	63.5	0.732	82	111	S E	30	...	Do.
22	29.858	0.121	77.4	73.5	87.2	69.9	145.1	67.1	0.774	82	110	S S E	23	...	Fine.
23	29.915	0.136	78.8	73.4	87.9	71.6	142.9	68.0	0.751	76	163	E by N	40	...	Passing clouds.
24	29.916	0.122	76.4	69.7	85.9	66.5	143.4	62.7	0.638	70	181	N E	32	...	Do.
25	29.941	0.141	73.4	69.2	84.9	64.2	139.5	59.2	0.659	80	84	E N E	45	...	Do.
26	29.886	0.154	71.3	67.7	86.2	62.4	143.5	59.0	0.631	83	67	SE by E	45	...	Do.
27	29.882	0.164	73.9	70.6	89.5	64.6	144.8	60.2	0.706	85	103	S by E	43	...	Do.
28	29.889	0.123	74.3	70.7	86.4	66.8	143.3	64.2	0.705	84	61	E by S	47	...	Do.
29	29.863	0.148	74.5	71.2	89.3	66.4	141.7	63.2	0.721	84	78	E N E	43	...	Do.
30	29.864	0.142	77.0	73.0	90.5	68.4	145.4	65.5	0.759	82	92	SE by S	45	...	Do.
31	29.850	0.149	76.9	72.5	87.6	70.3	142.5	67.3	0.741	80	114	S S E	32	...	Do.
Mean	29.932	0.133	74.9	70.2	85.4	66.9	141.6	63.4	0.678	78	117	E by N	37	0.01	

Madras Meteorological Observations. 1887--February.

February 1887	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.833	0.149	75.7	71.2	84.8	68.2	139.2	65.2	0.705	79	114	SE by S	30	...	Passing clouds.
2	29.888	0.124	77.0	70.9	86.8	67.5	141.5	64.2	0.676	73	102	E by S	25	...	Fine.
3	29.938	0.125	77.3	71.7	87.2	68.3	141.0	63.2	0.703	75	147	NE by E	45	...	Passing clouds.
4	29.961	0.151	75.0	69.5	85.4	66.5	141.5	62.2	0.649	75	56	E by N	30	...	Do.
5	29.924	0.138	74.5	69.5	84.2	65.5	137.0	62.1	0.656	77	85	SE by E	15	...	Fine.
6	29.937	0.125	74.6	67.7	84.4	64.0	139.6	60.9	0.586	68	100	SE by E	13	...	Do.
7	29.942	0.124	74.0	68.3	87.8	64.5	143.5	61.2	0.616	74	68	E by S	7	...	Do.
8	29.964	0.123	73.8	68.6	86.2	61.6	144.8	60.0	0.631	76	79	E by N	5	...	Do.
9	29.983	0.119	75.5	70.5	85.4	64.7	141.3	61.2	0.681	77	88	E by N	10	...	Do.
10	30.061	0.128	77.3	72.5	87.2	67.5	141.0	64.4	0.736	79	92	E by N	20	...	Do.
11	30.087	0.124	77.3	71.9	86.0	67.3	144.2	63.8	0.710	75	128	E N E	37	...	Passing clouds.
12	30.081	0.142	77.5	72.2	86.8	67.5	142.9	64.2	0.720	76	119	E N E	22	...	Fine.
13	30.063	0.123	76.9	71.2	86.2	66.4	143.1	62.6	0.688	74	183	NE by E	33	...	Passing clouds.
14	30.113	0.110	75.4	70.3	85.5	67.0	144.2	63.6	0.675	77	137	N E	38	...	Do.
15	30.133	0.114	75.3	70.7	87.2	66.8	139.5	62.8	0.691	79	124	NE by N	25	...	Fine.
16	30.102	0.144	75.6	70.3	87.3	64.4	141.6	60.1	0.672	76	148	N N E	15	...	Do.
17	30.067	0.131	75.4	70.6	86.1	64.4	143.7	60.3	0.685	79	140	NE by N	15	...	Do.
18	30.034	0.135	76.8	70.9	86.6	66.0	142.0	61.6	0.678	73	180	N E	20	...	Do.
19	30.029	0.123	77.3	71.5	86.1	67.5	142.6	65.0	0.696	74	199	N E	22	...	Do.
20	29.991	0.121	74.6	68.3	85.4	65.9	149.0	62.6	0.609	71	157	N E	25	...	Do.
21	29.978	0.163	72.3	67.1	85.5	63.7	153.4	58.8	0.594	75	111	NE by N	37	...	Passing clouds.
22	29.929	0.137	73.3	68.1	85.9	60.6	144.8	57.0	0.619	75	101	NE by E	23	...	Fine.
23	29.903	0.147	75.0	69.6	86.3	63.2	141.1	59.0	0.652	75	128	E N E	5	...	Do.
24	29.885	0.150	76.3	71.4	88.3	67.0	144.2	62.4	0.704	77	105	E by N	7	...	Do.
25	29.892	0.156	75.4	69.7	87.2	66.2	143.5	62.1	0.651	74	89	S E	5	...	Do.
26	29.865	0.163	75.9	71.4	92.1	65.2	147.8	62.4	0.710	79	111	S S E	5	...	Do.
27	29.829	0.148	78.4	71.7	91.3	66.9	146.4	65.1	0.688	72	127	SE by S	5	...	Do.
28	29.803	0.152	79.6	72.3	90.1	70.6	144.2	69.4	0.696	69	167	S S E	5	...	Do.
Mean	29.972	0.135	75.8	70.3	86.8	65.9	143.2	62.4	0.671	75	121	E by N	19	Nil.	

Madras Meteorological Observations. 1887—March.

March 1887	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.843	0.128	81.0	73.9	93.5	70.3	147.4	65.6	0.741	71	212	South	5	...	Fine.
2	29.905	0.115	78.4	73.9	87.6	70.0	141.1	67.6	0.777	80	176	S S E	15	...	Do.
3	29.943	0.141	77.4	73.1	86.3	68.5	140.9	66.0	0.758	81	165	S S E	2	...	Do.
4	29.899	0.155	77.5	72.6	88.3	67.9	143.3	64.6	0.736	79	138	S S E	5	...	Do.
5	29.837	0.161	79.9	71.4	94.0	68.5	148.6	65.0	0.656	64	167	South	0	...	Do.
6	29.861	0.118	78.8	70.5	94.7	65.9	147.9	62.4	0.636	65	177	South	5	...	Do.
7	29.892	0.146	78.8	73.7	89.0	69.1	140.8	65.4	0.765	79	199	S by E	0	...	Do.
8	29.892	0.126	78.6	73.9	86.8	70.3	140.3	68.0	0.775	79	198	S S E	15	...	Do.
9	29.924	0.144	78.3	73.4	87.2	68.5	142.9	65.4	0.758	78	165	SE by S	15	...	Do.
10	29.880	0.151	77.9	73.1	86.6	68.8	140.3	65.7	0.752	79	175	S S E	5	...	Do.
11	29.872	0.129	77.9	73.1	86.3	69.5	140.1	65.6	0.752	79	196	S S E	20	...	Do.
12	29.895	0.118	77.3	72.7	87.0	69.4	141.5	66.5	0.744	80	165	S S E	15	...	Do.
13	29.919	0.129	78.6	73.4	87.0	69.5	140.3	66.4	0.754	77	159	S S E	13	...	Do.
14	29.904	0.160	78.6	72.9	87.9	68.4	142.3	64.9	0.733	76	168	S S E	10	...	Do.
15	29.859	0.145	80.2	75.5	88.5	71.6	143.9	68.6	0.820	79	180	SE by S	15	...	Do.
16	29.852	0.140	80.2	75.5	88.3	71.6	141.1	68.9	0.821	79	172	SE by S	15	...	Do.
17	29.879	0.132	80.0	74.6	88.5	72.6	141.4	69.3	0.785	77	164	S E	22	...	Do.
18	29.870	0.125	77.6	72.7	86.5	68.7	148.5	65.3	0.739	78	127	S E	35	...	Passing clouds.
19	29.890	0.109	78.8	74.1	88.5	68.3	141.6	65.1	0.780	79	142	SE by S	20	...	Fine.
20	29.860	0.153	78.9	73.5	89.7	69.7	159.9	66.5	0.754	76	115	SE by E	45	...	Passing clouds.
21	29.863	0.167	79.6	75.1	88.4	71.5	141.1	67.9	0.812	80	134	E N E	70	0.01	Do.
22	29.873	0.106	81.8	77.5	88.5	75.7	139.3	73.3	0.887	82	166	E N E	62	0.29	Passing clouds : th. : rain.
23	29.901	0.134	81.1	76.2	88.4	75.0	140.3	67.9	0.838	78	123	E S E	35	...	Passing clouds.
24	29.895	0.131	80.0	76.0	88.4	73.5	139.1	71.3	0.845	82	149	S E	30	...	Do.
25	29.867	0.170	81.5	77.1	93.3	73.8	143.2	72.3	0.872	82	173	S by E	10	...	Fine.
26	29.822	0.156	81.5	77.2	93.3	76.9	144.3	75.1	0.877	82	244	S by E	43	...	Passing clouds.
27	29.766	0.176	82.2	76.6	89.5	74.7	139.6	73.3	0.842	77	233	S by E	35	...	Do.
28	29.758	0.140	84.3	79.7	92.4	78.9	144.5	78.3	0.954	81	249	S by E	15	...	Fine.
29	29.775	0.104	83.6	79.5	91.1	79.5	142.4	78.2	0.954	83	266	S S E	30	...	Passing clouds.
30	29.796	0.110	82.2	77.8	90.2	77.5	142.5	76.9	0.894	81	220	S S E	40	...	Passing clouds : th.
31	29.804	0.119	83.4	77.5	90.9	76.5	142.2	74.5	0.865	75	226	SE by S	10	...	Fine.
Mean	29.864	0.137	79.9	74.8	89.2	71.6	143.0	68.8	0.796	78	179	S E by S	21	0.30	

Madras Meteorological Observations. 1887—April.

April 1887	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.841	0.100	82.1	76.8	90.1	75.6	145.2	72.8	0.851	78	184	S E	30	...	Passing clouds.
2	29.891	0.128	81.3	75.9	90.5	74.2	142.5	72.3	0.823	77	146	East	20	...	Fine.
3	29.898	0.137	82.8	77.9	90.1	74.5	148.0	72.6	0.891	79	181	N E	35	...	Passing clouds.
4	29.873	0.123	83.3	77.4	91.6	76.5	145.9	72.3	0.861	74	168	E N E	25	...	Do.
5	29.899	0.093	83.3	77.5	91.4	76.1	146.8	73.8	0.867	76	135	E by N	40	...	Do.
6	29.926	0.133	83.7	77.3	90.6	76.8	147.8	74.8	0.851	73	131	E by S	35	...	Do.
7	29.897	0.137	82.5	77.8	89.9	74.6	143.5	71.4	0.891	80	168	S E	25	...	Do.
8	29.847	0.152	83.4	78.3	89.6	77.7	145.6	76.5	0.902	79	202	SE by S	35	...	Do.
9	29.862	0.158	82.6	77.2	90.2	75.0	142.3	73.0	0.862	77	167	S E	25	...	Do.
10	29.897	0.139	83.8	78.7	90.6	77.8	146.7	75.6	0.914	79	147	E S E	40	...	Do.
11	29.873	0.105	83.1	77.5	91.4	76.6	148.9	74.1	0.870	77	157	SE by S	27	...	Do.
12	29.833	0.125	83.5	78.2	93.8	76.8	147.7	74.8	0.895	78	175	S S E	27	...	Do.
13	29.804	0.139	83.4	79.1	90.5	75.8	143.3	74.6	0.937	82	171	SE by S	30	...	Do.
14	29.845	0.124	81.9	78.5	90.4	74.1	142.5	71.4	0.930	85	151	S E	13	...	Fine.
15	29.870	0.142	84.3	79.4	91.6	77.0	145.6	75.4	0.939	79	155	E S E	25	...	Do.
16	29.856	0.157	84.1	79.4	90.6	76.8	147.1	74.8	0.942	81	174	S E	35	...	Passing clouds.
17	29.842	0.141	83.9	79.6	91.1	78.6	146.6	68.2	0.954	82	144	S S E	35	...	Do.
18	29.793	0.131	83.7	79.5	92.0	75.2	144.9	68.7	0.952	83	161	S S E	10	...	Fine.
19	29.785	0.123	84.3	80.7	91.9	76.2	147.0	74.7	1.000	85	186	S S E	15	...	Do.
20	29.760	0.137	83.5	79.7	91.1	76.0	145.5	73.7	0.964	84	183	S S E	10	...	Do.
21	29.747	0.154	84.7	80.9	93.2	77.0	147.0	74.8	1.004	84	191	S S E	5	...	Do.
22	29.710	0.151	85.1	80.3	92.3	76.6	150.6	73.7	0.971	79	199	S by E	20	...	Do.
23	29.746	0.110	85.2	81.5	92.2	79.1	140.8	77.9	1.027	85	239	S by E	15	...	Do.
24	29.857	0.112	83.7	79.3	90.5	77.2	140.3	76.7	0.943	81	173	SE by E	37	...	Do.
25	29.885	0.145	83.6	79.2	94.0	76.4	149.1	74.3	0.940	81	120	S E	30	...	Passing clouds.
26	29.843	0.166	84.5	79.7	91.4	76.9	147.5	74.4	0.951	80	111	S E	18	...	Fine.
27	29.772	0.147	84.9	79.8	93.1	74.9	146.7	71.9	0.950	78	149	E S E	22	...	Do.
28	29.758	0.107	85.3	80.0	94.1	78.0	148.1	76.7	0.951	78	115	E by S	48	...	Passing clouds.
29	29.757	0.136	84.8	79.6	93.0	81.5	149.2	80.7	0.944	78	221	SE by S	53	...	Do.
30	29.793	0.114	84.6	79.1	91.1	78.1	145.3	76.8	0.921	77	260	S by E	27	...	Do.
Mean	2.832	0.132	83.7	78.9	91.5	76.6	145.9	74.1	0.923	80	169	S E	27	Nil.	

Madras Meteorological Observations. 1887—May.

May 1887	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.771	0.140	85.5	80.7	92.9	78.5	144.9	76.5	0.985	80	258	South	28	...	Passing clouds.
2	29.707	0.155	87.9	80.8	103.8	80.3	151.0	79.0	0.957	73	265	South	15	...	Fine.
3	29.707	0.155	87.7	77.9	99.3	80.0	149.2	78.1	0.825	63	200	S by E	20	...	Do.
4	29.781	0.120	89.0	79.6	102.8	83.0	150.5	81.9	0.885	65	216	SW by S	45	...	Passing clouds.
5	29.824	0.121	83.6	76.6	98.8	76.0	150.3	71.9	0.822	72	248	S by W	70	0.05	Do. } lt. thunderstorm.
6	29.800	0.170	84.7	77.9	93.7	77.1	145.9	76.0	0.866	73	211	SE by S	40	...	Passing clouds.
7	29.779	0.140	84.6	79.3	95.2	80.0	149.3	79.4	0.931	78	211	S S E	30	...	Do.
8	29.798	0.157	86.6	80.3	94.8	80.0	148.9	79.1	0.950	76	217	S by E	15	...	Fine.
9	29.748	0.139	88.3	79.5	97.2	80.8	151.6	79.2	0.890	67	203	S by E	15	...	Do.
10	29.756	0.120	88.2	78.1	95.6	82.0	138.5	80.7	0.826	62	187	S E	75	0.01	Passing clouds.
11	29.694	0.151	89.8	80.2	106.4	83.0	151.9	77.9	0.903	65	206	S W	50	...	Do.
12	29.684	0.123	88.9	80.3	100.6	82.0	148.7	81.7	0.919	68	257	South	40	...	Do.
13	29.698	0.142	90.7	78.8	95.9	84.3	126.8	83.7	0.825	57	220	W by S	80	...	Cloudy
14	29.721	0.116	89.1	79.6	97.9	84.2	145.7	83.7	0.884	65	228	S by W	90	...	Do.
15	29.726	0.107	88.6	79.7	101.0	84.0	149.9	82.9	0.894	66	253	S by W	70	...	Passing clouds.
16	29.701	0.135	89.8	81.5	98.7	82.4	153.2	80.6	0.965	69	203	South	15	...	Fine: lg. W.
17	29.676	0.128	90.2	78.8	106.7	83.2	151.9	82.5	0.832	58	261	SW by S	20	...	Fine.
18	29.675	0.113	88.6	80.1	96.9	85.0	155.6	84.3	0.913	68	276	S S W	87	...	Cloudy.
19	29.676	0.114	91.9	79.0	105.0	84.4	150.0	83.6	0.817	55	246	S S W	55	...	Passing clouds.
20	29.676	0.149	92.3	79.0	100.0	87.4	148.4	85.4	0.812	53	195	S S W	85	...	Cloudy.
21	29.636	0.102	90.5	77.9	100.8	84.2	151.7	82.8	0.786	55	238	South	35	...	Passing clouds.
22	29.667	0.085	88.0	76.8	97.8	82.8	150.9	81.0	0.771	59	239	South	55	...	Do.
23	29.666	0.142	91.9	77.0	105.2	83.4	146.7	82.6	0.727	48	230	SW by W	50	...	Do.
24	29.672	0.137	89.2	78.0	99.1	86.2	153.7	81.4	0.809	59	244	SW by S	85	...	Cloudy.
25	29.616	0.142	92.2	81.7	98.9	86.4	149.7	85.6	0.942	62	217	SW by S	70	...	Passing clouds.
26	29.624	0.110	89.8	81.6	105.8	84.5	148.4	83.5	0.969	69	275	S by W	60	...	Do.
27	29.657	0.104	89.3	80.0	99.5	82.2	147.2	81.3	0.899	65	260	South	25	...	Fine: lg. W.
28	29.709	0.106	87.5	78.0	98.0	82.8	148.9	80.8	0.832	64	253	S by W	5	...	Fine.
29	29.733	0.110	87.1	80.2	98.9	81.4	148.9	80.4	0.940	73	270	South	5	...	Do.
30	29.759	0.113	85.8	80.9	97.2	81.5	144.7	80.8	0.992	80	265	S by E	15	...	Do.
31	29.764	0.141	84.6	80.6	92.6	80.6	139.1	80.0	0.991	83	270	S by E	38	...	Passing clouds.
Mean	29.713	0.129	88.4	79.4	99.3	82.4	148.1	81.0	0.883	66	236	S by W	45	0.06	

Madras Meteorological Observations. 1887—June.

June 1887	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.704	0.147	86.3	80.8	95.8	79.4	148.5	78.5	0.978	78	210	S by W	20	...	Fine : th. & lg.
2	29.701	0.102	86.6	79.9	97.0	79.0	149.4	77.6	0.932	73	190	SW by S	25	...	Do. : do.
3	29.732	0.121	85.9	80.9	97.6	79.3	145.6	78.3	0.989	80	250	S by W	10	...	Fine.
4	29.727	0.130	86.9	80.9	96.2	80.4	143.7	79.6	0.975	76	258	S by W	47	...	Passing clouds.
5	29.706	0.154	90.5	78.0	101.7	84.2	152.9	82.9	0.791	55	267	W S W	52	...	Do.
6	22.658	0.165	91.1	78.4	100.9	84.2	147.3	83.6	0.801	54	255	W S W	60	...	Do.
7	29.652	0.135	88.8	78.5	99.2	82.7	146.3	79.2	0.837	62	226	SW by W	75	...	Cloudy.
8	29.678	0.089	86.9	76.7	92.6	82.0	135.7	78.6	0.782	61	197	S by W	63	...	Passing clouds.
9	29.735	0.133	85.7	75.8	93.0	82.8	136.0	82.6	0.759	62	197	W S W	70	0.10	Passing clouds : lg. : rain.
10	29.730	0.176	82.4	75.5	93.2	77.6	129.2	77.3	0.791	71	216	W S W	97	0.07	Overcast.
11	29.657	0.154	83.8	74.8	93.3	76.1	128.0	74.8	0.742	64	260	W by S	100	...	Do.
12	29.654	0.122	83.2	74.1	91.2	77.6	130.5	77.3	0.722	62	253	W by S	100	...	Do.
13	29.666	0.110	86.1	74.9	97.0	79.7	150.0	77.0	0.715	58	224	W by S	83	...	Cloudy.
14	29.721	0.129	88.1	76.0	101.2	80.2	154.2	79.6	0.736	56	327	SW by W	63	...	Passing clouds.
15	29.767	0.137	89.9	78.1	101.0	81.2	144.4	80.6	0.804	57	264	W S W	50	...	Do.
16	29.744	0.167	89.4	77.7	101.6	81.0	158.0	79.8	0.793	58	276	SW by W	32	...	Do.
17	29.694	0.184	90.9	78.0	102.2	81.0	150.9	79.6	0.785	54	303	W by S	45	...	Do.
18	29.689	0.118	85.8	79.0	98.5	82.2	146.6	81.2	0.900	73	245	W S W	60	0.13	Passing clouds : rain.
19	29.696	0.147	84.4	79.2	99.8	77.7	147.2	76.8	0.929	79	217	SW by S	65	0.09	Passing clouds.
20	29.710	0.139	85.7	79.2	99.7	79.8	158.0	78.7	0.911	74	215	SW by S	45	0.02	Do.
21	29.714	0.141	84.1	79.1	98.0	75.3	142.2	73.7	0.928	79	174	SW by S	68	...	Do.
22	29.712	0.113	86.0	80.5	99.0	78.7	144.8	77.8	0.968	78	203	South	47	...	Do.
23	29.723	0.067	85.0	79.9	102.3	80.4	149.7	78.6	0.952	79	165	SW by S	55	0.09	Do.
24	29.766	0.104	80.8	77.9	87.0	76.4	105.3	74.8	0.918	88	116	SW by W	80	0.02	Cloudy.
25	29.738	0.097	81.1	77.2	94.2	76.5	150.8	75.6	0.884	84	131	S by E	43	0.06	Passing clouds : th. and lg.
26	29.722	0.096	84.2	79.6	94.0	77.7	142.2	75.9	0.951	81	127	SE by S	25	...	Do. : do.
27	29.697	0.116	85.6	80.6	93.0	80.0	141.4	78.8	0.978	80	182	S S E	45	...	Passing clouds : lg.
28	29.703	0.113	85.0	79.4	95.8	75.9	145.6	74.6	0.929	77	181	SW by S	52	...	Passing clouds : th. and lg.
29	29.722	0.136	80.2	77.5	90.8	75.5	145.2	75.0	0.909	89	155	SW by S	80	0.05	Cloudy : lg.
30	29.689	0.126	83.6	79.3	95.5	77.4	140.0	76.6	0.944	82	159	SW by S	70	...	Cloudy.
Mean	29.707	0.129	85.8	78.2	96.7	79.4	143.7	78.2	0.868	71	215	S W	58	0.63	

Madras Meteorological Observations. 1887—July.

July 1887	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.682	0.085	82.8	77.5	98.7	78.9	148.1	77.7	0.874	78	170	W S W	65	1.76	Cloudy : thunderstorm at 1.45 P.M.
2	29.667	0.107	83.1	76.6	88.9	77.8	113.4	75.8	0.829	73	177	SW by W	87	...	Cloudy : th. and lg.
3	29.707	0.109	83.4	75.9	92.3	76.9	130.0	75.9	0.795	69	238	W S W	93	...	Cloudy.
4	29.715	0.127	86.4	76.3	92.4	80.6	122.4	74.7	0.772	61	229	W S W	70	...	Do.
5	29.690	0.154	84.8	77.2	93.3	81.8	130.4	76.4	0.833	70	204	West	76	0.60	Cloudy : th. and lg. : rain.
6	29.709	0.103	82.2	74.7	86.6	74.9	110.7	74.7	0.760	69	171	W by S	93	...	Cloudy.
7	29.766	0.104	83.9	76.5	93.6	79.0	134.5	77.7	0.814	70	181	W S W	70	0.08	Cloudy : lg.
8	29.807	0.148	84.4	76.6	97.4	77.6	147.4	75.9	0.812	68	192	W by S	80	0.23	Cloudy : th. and lg. : rain.
9	29.818	0.084	81.2	75.4	90.0	75.9	122.0	74.9	0.803	75	179	W by S	92	...	Cloudy.
10	29.774	0.122	83.4	73.5	90.8	76.4	124.0	75.0	0.693	60	211	W by S	78	...	Do.
11	29.738	0.139	85.2	73.6	93.7	78.0	143.4	76.7	0.674	56	255	W S W	67	...	Passing clouds.
12	29.729	0.126	85.8	74.5	94.1	78.0	141.6	77.3	0.703	57	267	W S W	74	...	Cloudy.
13	29.712	0.109	86.0	75.8	92.6	79.8	126.6	77.5	0.755	61	245	W S W	80	...	Do.
14	29.751	0.110	87.3	76.1	96.0	80.3	144.5	78.7	0.751	57	268	W S W	77	...	Do.
15	29.769	0.167	87.5	75.6	98.1	78.9	146.8	76.9	0.726	56	217	W S W	63	...	Passing clouds.
16	29.749	0.155	86.9	77.1	95.5	80.8	151.2	77.8	0.800	62	200	S W	60	...	Do.
17	29.772	0.131	86.2	77.2	97.8	79.8	151.0	78.6	0.813	65	181	E S E	45	...	Do.
18	29.745	0.118	85.4	76.5	93.3	79.8	132.6	79.0	0.793	65	169	W by N	82	...	Cloudy.
19	29.705	0.119	84.0	75.9	88.9	80.0	106.0	75.0	0.787	68	170	W by S	100	0.03	Overcast.
20	29.696	0.103	79.6	76.0	85.6	75.0	113.9	67.8	0.851	85	87	W by S	85	0.05	Cloudy.
21	29.723	0.131	85.7	78.4	96.6	77.4	135.0	76.8	0.875	71	234	SW by W	70	...	Passing clouds.
22	29.730	0.143	85.0	77.6	96.3	77.0	141.5	75.3	0.848	70	222	SW by S	53	...	Do.
23	29.701	0.129	88.0	78.4	100.1	79.8	150.0	78.0	0.844	64	189	S W	47	0.03	Do.
24	29.673	0.130	88.8	78.2	97.9	82.1	146.4	80.8	0.823	61	253	W S W	85	...	Cloudy.
25	29.654	0.115	87.6	78.6	97.9	82.6	148.5	81.4	0.858	66	204	W S W	73	...	Do.
26	29.708	0.120	86.8	79.8	101.5	80.0	150.8	78.0	0.924	72	220	S W	48	...	Passing clouds.
27	29.741	0.117	86.7	79.0	92.1	81.8	151.5	80.8	0.888	69	209	S S W	47	...	Passing clouds : lg.
28	29.751	0.138	85.8	79.4	100.8	79.6	151.7	77.8	0.918	74	216	S S W	58	0.02	Passing clouds.
29	29.753	0.136	84.3	78.2	96.4	78.5	150.6	77.0	0.884	75	189	South	55	0.09	Passing clouds : th. and lg.
30	29.755	0.172	85.1	78.5	95.4	76.2	150.6	75.8	0.887	74	221	SW by S	60	0.08	Passing clouds.
31	29.761	0.142	84.2	78.2	93.2	77.6	147.6	75.1	0.885	75	172	South	32	0.02	Do.
Mean	29.731	0.126	85.1	76.9	94.4	78.8	137.6	76.8	0.815	68	205	SW by W	70	2.99	

Madras Meteorological Observations. 1887—August.

August 1887	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.763	0.124	85.2	78.8	95.1	79.8	147.3	77.9	0.899	74	197	South	50	...	Passing clouds.
2	29.793	0.134	84.7	78.4	95.7	79.6	145.7	78.5	0.887	74	153	South	55	...	Do.
3	29.786	0.146	83.6	77.5	95.3	77.0	150.3	74.7	0.862	75	188	South	45	0.02	Do.
4	29.751	0.116	85.3	77.5	97.6	79.9	151.1	74.0	0.840	69	210	S by W	70	...	Cloudy.
5	29.758	0.105	83.0	77.2	93.2	80.0	150.1	79.4	0.857	77	159	South	57	...	Passing clouds.
6	29.802	0.090	78.9	76.5	91.9	76.2	152.1	74.5	0.881	89	135	S by E	55	1.69	Passing clouds : thunderstorm.
7	29.815	0.117	81.8	77.7	91.0	78.0	141.1	75.7	0.895	83	147	S S W	48	...	Passing clouds : th. and lg.
8	29.805	0.126	81.7	78.2	90.3	75.5	123.1	73.7	0.919	85	118	SW by S	90	...	Cloudy : th. and lg.
9	29.810	0.105	80.1	76.6	85.6	74.1	116.4	72.7	0.870	85	106	W by N	97	1.08	Cloudy : thunderstorm.
10	29.797	0.109	80.4	76.9	85.7	76.8	108.5	75.3	0.879	85	75	W S W	95	...	Cloudy.
11	29.769	0.121	80.5	75.5	88.7	75.8	144.1	73.5	0.817	78	91	S S W	80	...	Do.
12	29.753	0.121	80.4	75.5	91.6	76.3	139.3	73.7	0.817	78	123	South	45	0.02	Passing clouds : th. and lg.
13	29.715	0.156	81.0	76.1	94.2	75.9	149.2	74.0	0.835	78	169	SW by S	68	...	Passing clouds.
14	29.698	0.107	78.5	75.6	91.2	75.2	140.3	74.7	0.847	87	203	W S W	75	2.80	{ Day overcast and rainy : thunder- storm about 3 P.M.
15	29.703	0.125	80.0	76.3	87.2	74.7	126.7	73.4	0.867	85	118	W by S	97	0.58	Cloudy : thunderstorm.
16	29.699	0.110	83.1	77.2	90.2	77.8	130.3	76.8	0.855	75	141	W by N	80	...	Cloudy : th. and lg.
17	29.701	0.128	82.5	77.2	88.9	77.1	141.6	76.3	0.864	78	177	W S W	65	...	Passing clouds.
18	29.676	0.156	83.2	76.9	91.2	77.9	132.1	75.0	0.841	74	158	SW by W	82	0.25	Cloudy : rain.
19	29.671	0.100	83.3	78.8	91.3	76.9	134.1	75.1	0.925	81	140	W S W	85	...	Cloudy.
20	29.705	0.116	83.3	78.1	91.7	78.8	138.3	77.1	0.893	78	156	S S W	70	...	Passing clouds : th. and lg.
21	29.712	0.134	83.4	79.0	91.3	78.3	134.3	77.2	0.933	81	134	South	53	...	Passing clouds.
22	29.755	0.116	83.1	77.2	93.2	76.9	143.1	76.1	0.851	74	123	S by W	75	...	Cloudy.
23	29.757	0.155	83.7	78.9	90.9	78.9	143.7	77.9	0.924	80	129	S by E	62	...	Passing clouds : th. and lg.
24	29.800	0.137	80.0	77.5	90.6	73.9	140.1	73.7	0.911	89	113	S S W	60	2.06	Cloudy : thunderstorm at 4 P.M.
25	29.810	0.139	80.4	77.9	88.0	77.2	139.1	77.2	0.924	89	116	S by W	80	0.15	Cloudy : thunderstorm.
26	29.762	0.110	81.5	74.9	92.6	74.5	145.1	73.3	0.778	73	178	S W	58	...	Passing clouds : th. and lg.
27	29.724	0.127	83.5	78.3	91.7	76.3	147.3	75.0	0.899	77	126	SW by S	53	0.02	Do. : do.
28	29.724	0.119	83.9	76.1	93.1	77.9	147.1	75.8	0.797	68	159	South	47	...	Do. : do.
29	29.734	0.146	82.6	76.7	92.7	75.9	148.3	75.1	0.840	75	122	S by W	55	...	Passing clouds.
30	29.734	0.136	83.3	76.4	91.2	75.9	145.1	74.9	0.817	71	127	SW by S	57	...	Do.
31	29.758	0.128	83.4	77.1	90.9	78.1	148.9	74.8	0.847	74	148	S by W	58	...	Passing clouds : th. and lg.
Mean	29.750	0.124	82.2	77.2	91.4	77.0	140.1	75.4	0.867	79	143	SW by S	67	8.67	

Madras Meteorological Observations. 1887—September.

September 1887	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Volo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.755	0.150	82.1	77.1	91.4	77.1	144.1	75.9	0.865	79	158	S by W	30	...	Passing clouds: lg.
2	29.784	0.092	82.6	77.2	91.7	77.0	147.5	75.6	0.862	77	147	SW by S	30	...	Passing clouds.
3	29.777	0.139	81.4	76.5	92.9	77.5	149.8	75.6	0.848	79	133	S by W	62	0.32	Passing clouds: thunderstorm.
4	29.742	0.119	81.1	76.6	89.9	74.6	140.8	74.6	0.856	80	128	W by S	53	0.24	Do. : do.
5	29.752	0.069	79.4	76.7	88.8	77.3	142.9	74.6	0.884	88	132	SW by W	70	0.04	Do. : do.
6	29.759	0.063	78.8	76.6	87.0	74.9	90.7	73.7	0.887	90	69	NW by W	90	0.06	Cloudy.
7	29.759	0.088	78.3	76.2	88.1	75.3	146.3	74.7	0.877	90	72	N W	90	2.07	Cloudy: rain: lightning.
8	29.752	0.135	80.2	77.7	90.3	76.2	145.5	74.9	0.917	89	82	N by W	87	0.34	Do. : do. : do.
9	29.730	0.150	79.4	75.9	84.6	76.1	110.6	74.0	0.849	85	154	W S W	93	0.13	Overcast: rain.
10	29.672	0.142	82.2	75.9	90.0	77.1	130.5	74.9	0.811	74	159	W by S	75	...	Cloudy.
11	29.617	0.180	83.4	76.1	91.5	76.9	141.4	75.7	0.803	69	248	W S W	45	...	Passing clouds.
12	29.667	0.126	83.6	75.5	92.4	78.0	141.5	76.5	0.776	68	181	W by S	60	...	Do.
13	29.731	0.129	83.6	76.6	94.0	77.9	151.1	75.2	0.822	72	157	SW by W	65	...	Do.
14	29.714	0.153	84.5	76.0	93.6	76.3	145.7	74.6	0.784	66	194	S W	35	...	Do.
15	29.720	0.125	83.4	73.9	93.4	77.7	150.2	75.9	0.710	62	224	W S W	60	...	Do.
16	29.764	0.142	82.7	75.9	95.2	76.6	153.6	73.0	0.804	71	174	S S W	35	...	Do.
17	29.813	0.121	82.8	75.2	94.4	77.2	147.4	75.9	0.773	69	165	South	25	...	Do.
18	29.803	0.146	84.1	77.4	91.4	77.7	151.4	76.4	0.850	73	139	South	20	...	Fine.
19	29.796	0.158	84.7	77.5	91.3	78.4	150.9	76.4	0.847	72	136	S by W	30	...	Passing clouds.
20	29.767	0.148	87.0	78.5	97.0	79.7	156.1	79.0	0.858	67	121	S by E	45	...	Do.
21	29.776	0.096	81.0	76.9	90.6	78.8	149.0	76.6	0.871	83	107	S by W	75	0.07	Cloudy.
22	29.795	0.121	83.6	79.0	90.4	77.8	126.2	77.8	0.932	81	89	W by N	75	...	Do.
23	29.808	0.102	81.9	78.1	90.7	79.8	146.2	78.4	0.914	84	133	S W	67	0.02	Passing clouds: th. and lg.
24	29.818	0.139	79.1	76.5	92.4	76.3	148.5	74.9	0.879	89	131	S S W	68	0.07	{ Passing clouds: light thunderstorm about 3 P.M.
25	29.810	0.134	78.6	76.2	90.7	75.8	141.5	75.8	0.874	89	98	S by W	50	1.77	Thunderstorm 1.30 to 3 P.M.
26	29.801	0.142	81.0	77.1	90.1	73.3	145.0	71.8	0.879	83	111	S S W	32	...	Passing clouds: th. & lg.
27	29.847	0.155	79.8	76.4	91.2	73.0	144.5	72.0	0.865	85	181	SW by S	55	2.56	Heavy thunderstorm at 5 & 7.45 P.M.
28	29.864	0.121	80.9	77.7	89.8	73.2	145.6	72.8	0.907	87	97	S S W	38	...	Passing clouds: th. & lg.
29	29.886	0.120	80.2	75.8	91.4	73.2	143.7	71.8	0.833	80	92	S W	57	0.01	Passing clouds.
30	29.859	0.149	82.4	79.3	94.0	74.4	145.9	73.6	0.960	87	103	S S W	60	...	Do.
Mean	29.771	0.128	81.8	76.7	91.3	76.5	142.5	75.1	0.853	79	137	S W	56	7.70	

Madras Meteorological Observations. 1887—October.

October 1887	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.886	0.112	81.3	77.5	93.4	77.4	148.2	73.9	0.894	85	116	S S W	85	...	Cloudy.
2	29.868	0.135	83.4	79.1	93.7	79.3	146.2	76.7	0.937	82	92	S by W	47	...	Passing clouds.
3	29.820	0.152	83.1	78.6	90.5	77.6	154.4	75.4	0.918	81	78	S S E	48	...	Do.
4	29.804	0.147	83.6	77.8	92.8	74.8	153.5	74.1	0.877	77	102	E N E	30	...	Cloudy day : fine night.
5	29.781	0.149	84.5	77.9	91.7	78.4	150.8	75.5	0.867	74	85	NE by N	50	...	Passing clouds.
6	29.769	0.133	84.6	77.7	92.5	78.8	154.2	76.7	0.857	72	76	E by N	70	0.01	Cloudy.
7	29.814	0.153	78.4	75.9	81.4	76.9	121.4	75.7	0.862	89	78	West	90	0.34	Cloudy : rain.
8	29.785	0.128	75.5	74.7	77.7	75.8	91.2	74.9	0.848	96	164	N N W	100	3.15	Overcast and stormy : thunderstorm.
9	29.701	0.040	77.2	75.5	84.1	72.8	126.7	72.7	0.862	92	330	SW by S	92	4.44	Cyclone : thunderstorm.
10	29.780	0.137	79.3	77.0	86.1	72.3	130.6	71.8	0.898	91	160	South	73	0.67	Cloudy : thunderstorm.
11	29.801	0.126	80.8	77.7	87.5	75.9	146.5	74.1	0.909	87	135	S by E	45	...	Passing clouds.
12	29.790	0.120	82.1	78.2	88.2	77.3	144.6	75.9	0.913	83	170	S by E	30	...	Do.
13	29.849	0.119	82.1	77.9	88.2	77.3	145.8	76.2	0.900	83	197	S by E	20	...	Fine.
14	29.903	0.141	82.2	78.2	89.9	78.3	151.5	75.9	0.912	83	121	South	30	...	Passing clouds.
15	29.942	0.122	81.8	78.5	89.3	76.3	141.6	74.7	0.932	85	75	S S E	35	...	Do.
16	29.939	0.149	81.6	77.9	89.0	77.0	139.3	74.9	0.907	84	47	E S E	35	...	Do.
17	29.924	0.126	79.6	76.0	89.8	76.7	154.5	73.3	0.851	84	80	S S W	52	0.19	Passing clouds : rain.
18	29.886	0.097	79.6	75.3	87.1	75.0	140.8	73.7	0.821	81	143	N by W	70	...	Cloudy.
19	29.883	0.166	79.5	74.9	89.5	72.8	144.9	69.9	0.805	80	131	N by E	75	...	Cloudy day : fine night.
20	29.895	0.108	79.7	76.4	88.0	74.0	146.6	71.1	0.868	86	106	NE by N	68	0.15	Passing clouds : thunderstorm.
21	29.929	0.137	75.4	74.4	77.5	74.8	89.6	73.7	0.839	95	66	North	93	0.46	Cloudy : distant th. & lg. : rain.
22	29.905	0.113	78.0	76.0	83.0	73.6	142.9	72.9	0.872	91	61	N by W	72	0.63	Cloudy : thunderstorm.
23	29.891	0.111	80.4	76.8	87.9	74.5	145.1	72.2	0.875	85	104	NE by N	60	0.18	Passing clouds : lg. : rain.
24	29.889	0.125	78.8	76.1	89.0	75.4	149.3	74.1	0.865	88	109	North	73	0.24	Cloudy : thunderstorm.
25	29.902	0.142	78.0	75.7	84.4	73.2	140.7	72.9	0.859	90	122	N by E	85	1.42	Overcast : thunderstorm.
26	29.869	0.124	79.8	76.1	87.7	73.9	145.1	72.3	0.852	84	129	N E	60	0.31	Frequent showers : th. & lg.
27	29.858	0.136	78.3	75.7	88.4	75.0	146.0	72.9	0.855	88	143	E N E	82	1.08	Passing clouds : rain.
28	29.874	0.130	74.0	72.9	75.1	73.8	77.5	73.5	0.796	95	114	N E	100	5.75	Steady rain from 6-30 A.M. : th. storm.
29	29.812	0.127	74.5	73.4	76.0	73.2	82.3	72.9	0.810	95	268	N N E	100	2.97	Rainy and overcast.
30	29.761	0.116	73.4	72.1	74.3	72.4	96.9	72.7	0.772	94	269	N N W	100	2.17	Rainy till 9 A.M. : overcast.
31	29.707	0.159	74.1	72.4	75.4	72.1	93.3	71.1	0.775	92	318	NW by N	100	0.20	Overcast : rain.
Mean	29.846	0.128	79.5	76.3	86.1	75.4	123.6	73.8	0.865	86	135	E by N	67	24.36	

Note.—A small but well defined cyclone passed over Madras on the morning of the 9th. The wind changed from N. W. at which it had remained till 4 A.M. through N. to S. S. E. by 6 A.M. and to S. by E. at 7 A.M. The lowest reading of the barometer was 29.46 inches. Continuous rain fell from 7 P.M. on the 8th to 5 A.M. on the 9th, the total fall amounting to nearly 5 inches. The wind velocity did not exceed 21 miles per hour.

Madras Meteorological Observations. 1887—November.

November 1887	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather.
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.766	0.124	75.4	74.0	78.1	72.5	111.2	72.4	0.822	93	174	N W	100	0.13	Showers till 6 A.M. : overcast.
2	29.812	0.122	77.8	75.3	87.0	73.1	147.6	71.6	0.845	89	88	NW by N	90	0.29	Cldy : rain with th. & lg. from 9 P.M.
3	29.852	0.131	78.2	75.5	84.8	73.9	141.9	72.6	0.847	88	70	N E	55	0.02	Passing clouds: Ig.
4	29.908	0.140	77.4	75.7	84.6	74.1	144.5	72.8	0.868	92	65	S S E	50	1.95	Heavy rain 7 to 9 A.M. : p. cls. : Ig.
5	29.907	0.128	79.1	76.4	87.3	74.7	148.6	72.4	0.874	88	85	E by S	68	0.34	Passing clouds: thunderstorm 8 P.M.
6	29.897	0.122	79.6	76.5	86.2	73.9	139.2	72.0	0.873	87	94	E by N	70	0.26	Cloudy with light showers.
7	29.890	0.117	79.2	76.1	86.4	74.3	144.9	72.6	0.860	87	91	E N E	70	1.24	Rainy before noon.
8	29.924	0.080	76.1	74.7	85.9	74.7	140.2	73.0	0.842	93	140	N E	85	1.45	Cloudy and rainy.
9	29.907	0.105	77.1	75.7	82.2	74.5	99.2	73.4	0.871	92	162	NE by N	90	1.78	Do.
10	29.880	0.125	78.6	76.6	86.9	74.1	147.2	72.6	0.890	91	139	E N E	85	0.68	Cloudy with showers.
11	29.907	0.114	80.3	77.4	82.2	75.1	145.2	73.6	0.903	87	134	E N E	55	0.15	Cloudy with light showers.
12	29.976	0.096	79.5	75.0	86.7	76.9	141.7	73.2	0.809	80	175	NE by E	45	...	Passing clouds: fine night.
13	29.973	0.122	78.8	74.8	86.2	73.4	140.5	70.3	0.810	82	116	N N E	25	...	Fine.
14	29.930	0.145	78.0	73.5	85.8	72.9	145.3	72.2	0.767	80	129	N N E	22	...	Do.
15	29.943	0.119	76.9	73.0	85.1	71.9	141.4	69.0	0.760	82	118	N by E	43	...	Passing clouds.
16	29.928	0.142	76.1	70.4	84.2	70.4	142.8	67.6	0.668	74	110	North	17	...	Fine.
17	29.901	0.142	77.0	70.8	84.9	72.2	136.5	71.9	0.671	72	109	North	20	...	Do.
18	29.901	0.095	76.7	73.1	84.0	70.0	139.3	66.4	0.768	84	140	N by W	55	...	Passing clouds: th. and lg.
19	29.920	0.080	78.7	75.8	86.3	73.3	143.9	71.7	0.853	87	98	N N E	60	0.07	Passing clouds.
20	30.009	0.118	79.3	75.7	87.6	73.4	143.3	72.4	0.842	85	145	NE by N	55	0.53	Rain before 5 A.M.
21	29.964	0.134	78.5	75.3	86.4	73.4	140.4	72.1	0.835	85	169	N by E	45	0.01	Passing clouds.
22	29.976	0.120	80.0	74.4	86.5	74.9	143.6	72.6	0.777	76	220	N N E	50	0.03	Do.
23	29.972	0.109	75.3	74.0	77.8	73.4	84.4	71.6	0.824	94	129	N N E	92	1.27	Rainy 6-30 to 10 A.M. : th. and lg.
24	29.963	0.094	75.9	74.1	81.4	72.5	94.3	72.4	0.820	92	143	N E	95	1.19	Cloudy and rainy.
25	29.967	0.117	76.4	74.8	85.4	72.0	144.3	71.8	0.842	93	126	E N E	93	1.69	Do.
26	30.006	0.122	77.2	74.3	84.9	74.1	135.1	72.7	0.811	86	179	NE by E	88	0.40	Rainy till 3 A.M. : cloudy.
27	29.994	0.123	79.4	73.7	86.1	76.5	142.5	74.2	0.756	75	248	N E	45	...	Passing clouds.
28	29.968	0.105	74.3	68.6	82.7	69.2	142.3	65.6	0.624	73	149	N N E	35	...	Do.
29	29.978	0.097	73.9	68.6	83.2	66.0	140.7	62.8	0.629	75	139	N by E	35	...	Do.
30	29.981	0.106	76.4	71.2	84.7	69.9	137.3	67.7	0.695	76	113	N N E	35	...	Do.
Mean	29.930	0.116	77.6	74.2	84.7	73.0	136.3	71.2	0.802	85	133	NE by N	59	13.57	

Madras Meteorological Observations. 1887—December.

December 1887	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.							
									Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.967	0.122	76.3	72.5	83.3	70.2	144.1	67.1	0.749	83	161	N by E	37	...	Passing clouds.
2	29.943	0.110	77.3	71.2	83.6	71.5	139.9	69.7	0.683	77	232	N N E	45	0.15	Passing clouds : rain.
3	29.929	0.129	74.6	68.8	82.4	68.6	140.7	64.2	0.628	73	199	North	35	...	Passing clouds.
4	29.923	0.102	73.5	70.0	79.4	69.7	141.5	66.7	0.688	83	207	N by W	80	0.13	Cloudy : light showers.
5	29.918	0.096	74.2	72.4	77.5	71.6	117.9	71.3	0.772	91	251	N N W	90	1.29	Rainy till daylight.
6	29.929	0.111	75.2	73.8	83.9	73.1	140.9	72.1	0.816	93	221	N N E	83	2.65	Heavy rain.
7	29.964	0.129	76.7	74.5	82.3	72.2	122.6	71.3	0.826	90	144	E N E	87	0.26	Showery till 3 A.M. : cloudy.
8	29.980	0.101	73.8	73.1	78.3	71.7	120.7	71.1	0.807	97	87	E N E	98	3.80	Heavy rain till 8.30 A.M.
9	29.952	0.104	77.3	74.8	85.1	73.0	139.6	70.7	0.830	89	203	N E	77	0.78	Cloudy : rain morning and night.
10	29.965	0.105	75.9	72.9	79.9	73.9	98.5	73.7	0.770	86	181	NE by N	92	0.29	Overcast with showers.
11	29.950	0.119	75.8	71.4	83.4	70.1	140.7	67.7	0.711	79	168	N N E	53	...	Passing clouds.
12	29.965	0.120	77.5	72.4	83.4	73.4	137.9	72.9	0.729	77	216	N N E	45	...	Do.
13	30.000	0.112	75.1	71.2	82.4	70.4	129.6	67.7	0.712	82	149	N N E	52	0.02	Do.
14	30.005	0.135	74.1	69.0	82.8	67.2	138.5	63.7	0.642	76	179	N N E	14	...	Fine.
15	29.969	0.150	74.7	69.0	82.3	67.0	132.6	62.7	0.634	73	180	N N E	30	...	Passing clouds.
16	29.980	0.093	75.1	70.1	82.2	68.3	140.6	65.6	0.671	77	186	N by E	52	...	Do.
17	30.001	0.106	75.7	69.8	82.8	72.4	141.0	68.6	0.651	73	271	N N E	53	...	Do.
18	29.982	0.128	72.8	68.5	82.4	67.9	141.4	65.6	0.641	80	175	N N E	72	...	Do.
19	29.956	0.139	73.1	68.9	79.8	69.9	121.7	63.4	0.652	80	185	N N E	55	...	Do.
20	29.891	0.136	72.3	68.3	79.8	69.3	136.3	68.4	0.640	81	234	North	83	...	Cloudy.
21	29.905	0.095	73.3	69.6	76.4	70.7	94.5	69.8	0.675	82	174	N by E	100	0.01	Overcast.
22	29.938	0.116	75.1	73.2	79.8	72.1	118.5	70.2	0.793	91	191	N N E	100	0.57	Overcast with rain.
23	29.955	0.108	76.4	71.8	83.3	73.7	143.5	70.6	0.720	79	237	NE by N	75	...	Cloudy.
24	29.925	0.087	74.4	71.0	83.2	68.7	139.3	64.4	0.714	84	183	N N E	75	...	Do.
25	29.909	0.133	72.5	71.7	73.8	70.8	80.5	70.5	0.767	96	228	N by E	100	1.06	Overcast and rainy.
26	29.935	0.093	76.5	74.6	83.5	72.9	140.2	72.6	0.832	91	289	E N E	82	0.08	Cloudy.
27	29.973	0.103	77.5	75.4	84.1	74.1	137.8	72.6	0.854	91	275	E N E	80	0.81	Cloudy : rain.
28	29.965	0.112	77.5	74.5	84.6	74.9	143.9	72.2	0.815	86	257	E N E	85	0.05	Cloudy.
29	29.984	0.106	77.7	74.0	84.4	74.0	136.3	70.8	0.791	83	174	E N E	50	...	Passing clouds.
30	30.034	0.108	77.5	74.1	83.8	75.1	141.7	73.0	0.798	84	183	NE by E	63	...	Do.
31	30.032	0.148	75.9	72.2	84.0	71.3	138.5	68.6	0.741	83	124	N E	42	...	Do.
Mean	29.959	0.115	75.3	71.8	81.9	71.3	131.7	69.0	0.734	84	198	N N E	67	11.95	

Madras Mean Monthly and Annual Meteorological Results in 1887.

	Barometer		Dry Bulb Thermometer				Wet Bulb		Tension of Vapour		Relative Humidity		Maximum Sun	Minimum on Grass	Wind		Rain		Clear Sky
	Reduced to 32°	Daily Range	Mean	Max.	Min.	Range	Mean	Min.	By Blauford's Tables	Inches	Cents	Daily Velocity			Mean Direction	Amount	Days		
Inches	Inches	°	°	°	°	°	°	°	Inches	Cents	Miles	Points	Points	Inches	No.	Cents			
January	29.932	0.133	74.9	85.4	66.9	18.5	70.2	66.1	0.678	78	141.6	63.4	117	7	E by N	0.01	1	63	
February	29.972	0.135	75.8	86.8	65.9	20.9	70.3	65.1	0.671	75	143.2	62.4	121	7	E by N	...	...	81
March	29.864	0.137	79.9	89.2	71.6	17.6	74.8	70.2	0.796	78	143.0	68.8	179	13	S E by S	0.30	2	79	
April	29.832	0.132	83.7	91.5	76.6	14.9	78.9	75.1	0.923	80	145.9	74.1	169	12	S E	...	...	73
May	29.713	0.129	88.4	99.3	82.4	16.9	79.4	76.0	0.883	66	148.1	81.0	236	17	S by W	0.06	2	55	
June	29.707	0.129	85.8	96.7	79.4	17.3	78.2	74.9	0.868	71	143.7	78.2	215	20	S W	0.63	9	42	
July	29.731	0.126	85.1	94.4	78.8	15.6	76.9	73.9	0.815	68	137.6	76.8	205	21	S W by W	2.99	11	30	
August	29.750	0.124	82.2	91.4	77.0	14.4	77.2	74.5	0.867	79	140.1	75.4	143	19	S W by S	8.67	10	33	
September	29.771	0.128	81.8	91.3	76.5	14.8	76.7	73.6	0.853	79	142.5	75.1	137	20	S W	7.70	13	44	
October	29.846	0.128	79.5	86.1	75.4	10.7	76.3	74.2	0.865	86	133.6	73.8	135	7	E by N	24.36	18	33	
November	29.930	0.116	77.6	84.7	73.0	11.7	74.2	71.9	0.802	85	136.3	71.2	133	3	N E by N	13.57	19	41	
December	29.959	0.115	75.3	81.9	71.2	10.7	71.8	69.6	0.734	84	131.7	69.0	198	2	N N E	11.95	15	33	
Annual	29.834	0.128	80.8	89.9	74.6	15.3	75.4	72.1	0.813	77	140.6	72.4	166	12	S E	70.24	100	51	

Madras Extreme Monthly Meteorological Records in 1887.

	Barometer			Dry Bulb Thermometer			Wet Bulb		Humidity		Sun		Grass Thermometer		Wind			Rain	
	Inches	Day	Inches	Day	Inches	Day	°	Day	Cents	Day	°	Day	°	Day	Miles	Day	Miles	Day	Inches
January ..	30.066	12	29.784	21	0.282	26	62.4	26	53	24	145.4	30	59.0	26	225	3	59	9	0.01
February ..	30.194	15	29.737	28	0.457	22	60.6	22	44	28	153.4	21	57.0	22	199	19	56	4	...
March ..	30.019	3	29.988	28	0.321	6	65.9	6	42	6	159.9	20	62.4	6	266	29	115	20	0.29
April	29.992	6	29.935	22	0.357	94.1	28	74.1	3	59	150.6	22	68.2	17	260	30	111	26	...
May	29.873	5	29.546	25	0.327	106.7	17	76.0	5	33	155.6	18	71.9	5	276	18	187	10	0.05
June	29.815	16	29.575	6	0.210	102.3	23	75.3	12	39	158.0	16	74.6	28	327	14	116	24	0.13
July	29.855	8	29.593	25	0.262	101.5	26	74.9	6	43	151.7	28	67.8	20	268	14	87	20	1.76
August ..	29.874	25	29.574	18	0.300	97.6	4	73.9	24	51	152.1	6	72.7	9	210	4	75	10	2.80
September ..	29.945	29	29.524	11	0.421	97.0	20	73.0	27	45	156.1	20	71.8	26	248	11	69	6	2.56
October ..	30.013	16	29.620	31	0.393	93.7	2	72.1	31	58	154.5	17	69.9	19	330	9	47	16	5.75
November ..	30.008	20	29.704	1	0.364	87.6	20	66.0	29	57	148.7	29	62.8	29	248	27	70	3	1.95
December ..	30.112	31	29.833	20	0.279	85.1	9	66.9	19	60	144.1	1	62.7	15	289	26	87	8	3.80

Madras Meteorological Observations. 1888—January.

January 1888	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	30.033	0.088	75.4	71.9	84.8	69.0	140.0	64.2	0.736	84	86	NE by N	40	...	Passing clouds.
2	30.025	0.139	76.5	71.9	84.0	69.2	140.9	65.2	0.721	79	111	NE by E	47	...	Do.
3	30.012	0.111	77.9	73.0	84.1	73.0	140.9	68.7	0.747	78	162	NE by E	45	...	Do.
4	30.049	0.111	76.6	73.5	85.1	70.7	141.0	67.3	0.785	86	143	E N E	63	0.03	Do.
5	30.063	0.100	76.8	74.0	81.4	74.2	125.1	71.7	0.803	87	129	N E	55	0.02	Cloudy.
6	30.093	0.100	75.5	73.5	81.6	73.1	124.4	70.7	0.800	91	112	NE by N	67	0.66	Rain before 11 A.M. : fine night.
7	30.082	0.116	76.7	72.5	83.3	69.9	131.1	66.9	0.744	81	162	N N E	50	0.01	Passing clouds.
8	30.059	0.120	76.1	72.3	84.1	69.6	138.9	66.9	0.743	83	148	NE by N	55	...	Do.
9	30.037	0.106	76.7	69.1	83.4	72.2	138.4	67.7	0.610	67	222	N E	32	...	Do.
10	30.041	0.102	74.1	67.5	83.1	70.0	142.7	63.9	0.587	70	140	NE by N	28	...	Do.
11	30.042	0.103	72.5	67.2	82.9	65.6	142.0	61.9	0.597	75	105	NE by N	15	...	Fine.
12	30.014	0.074	72.3	67.1	82.8	64.7	138.4	59.9	0.595	75	95	NE by N	20	...	Do.
13	29.978	0.103	71.3	66.7	82.5	63.5	140.2	59.9	0.595	78	78	N E	37	...	Passing clouds.
14	29.979	0.091	72.7	67.1	82.9	63.4	135.4	58.9	0.590	74	108	NE by E	15	...	Fine.
15	29.985	0.109	73.1	68.0	84.5	63.8	144.9	59.1	0.618	76	100	N E	38	...	Passing clouds.
16	29.989	0.122	72.6	68.4	83.2	66.4	143.2	62.4	0.639	80	98	NE by N	37	...	Do.
17	30.003	0.103	72.9	67.2	84.6	64.3	140.8	59.4	0.591	73	86	NE by N	35	...	Do.
18	30.028	0.099	72.4	66.6	84.1	62.3	141.4	57.4	0.575	73	101	NE by N	20	...	Fine.
19	30.040	0.085	72.9	68.5	83.6	64.4	141.0	59.2	0.639	79	105	NE by N	30	...	Passing clouds.
20	30.020	0.105	73.8	70.3	84.2	65.2	147.2	60.4	0.696	83	97	N E	20	...	Fine.
21	30.037	0.098	74.2	67.4	84.7	66.3	138.4	60.8	0.581	69	137	N E	33	...	Passing clouds.
22	30.006	0.122	74.5	68.6	84.8	66.7	138.6	62.6	0.624	73	92	E N E	27	...	Fine.
23	30.039	0.127	74.6	69.5	84.5	66.0	146.2	60.4	0.657	77	102	E N E	15	...	Do.
24	30.042	0.095	73.7	68.1	83.2	65.2	141.0	60.7	0.614	74	57	East	20	...	Do.
25	30.023	0.122	73.1	68.4	84.2	65.2	141.8	60.5	0.634	77	63	East	25	...	Passing clouds.
26	29.987	0.101	73.1	69.3	82.7	66.1	141.0	60.4	0.667	82	97	S E	33	...	Do.
27	29.928	0.138	75.4	71.8	87.3	66.1	145.0	60.4	0.733	84	133	S S E	27	...	Do.
28	29.930	0.085	78.3	74.4	88.7	73.6	140.4	69.4	0.799	82	124	South	20	...	Fine.
29	29.995	0.052	77.9	73.4	87.8	72.0	142.0	66.2	0.764	80	92	East	40	...	Passing clouds.
30	30.058	0.090	76.9	72.2	86.5	69.3	146.4	65.4	0.728	78	87	E by N	38	...	Do.
31	30.075	0.112	76.5	70.4	86.6	68.3	145.0	64.5	0.663	73	120	E by N	30	...	Do.
Mean	30.022	0.104	74.7	70.0	84.2	67.7	140.1	63.3	0.673	79	113	NE by E	34	0.72	

Madras Meteorological Observations. 1888—February.

February 1888	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
					Day	Inches	Inches	°	°	°	°	Inches			
1	30.057	0.117	75.8	71.3	85.6	68.4	142.3	63.7	0.708	79	115	E N E	35	...	Passing clouds.
2	30.099	0.088	76.6	70.1	85.2	67.2	145.5	63.0	0.650	71	95	E by N	20	...	Fine.
3	30.112	0.136	75.0	69.6	85.1	68.3	141.5	63.8	0.652	75	76	East	25	...	Do.
4	30.079	0.130	74.7	69.4	85.2	66.3	140.3	61.7	0.649	74	66	East	15	...	Do.
5	30.063	0.116	73.5	68.3	84.6	65.3	142.3	60.4	0.624	76	71	SE by E	20	...	Do.
6	30.082	0.120	73.3	67.9	86.1	64.2	140.9	58.9	0.613	74	73	SE by S	18	...	Do.
7	30.063	0.118	73.8	68.9	86.4	64.8	139.7	59.5	0.642	76	105	S S E	15	...	Do.
8	30.000	0.116	74.7	68.2	86.4	63.5	141.3	58.5	0.604	70	109	SE by S	15	...	Do.
9	29.964	0.106	74.7	70.3	83.5	66.0	139.1	60.7	0.683	79	150	S S E	15	...	Do.
10	29.933	0.128	75.9	71.3	85.0	67.0	139.3	62.4	0.707	80	156	S S E	20	...	Do.
11	29.934	0.153	76.4	71.8	84.5	67.8	141.1	64.7	0.718	79	130	S S E	25	...	Do.
12	29.938	0.120	77.0	71.4	84.7	68.3	137.3	64.5	0.695	74	137	S S E	17	...	Do.
13	29.940	0.108	76.4	71.2	84.5	69.1	141.0	64.7	0.695	77	141	SE by S	18	...	Do.
14	29.918	0.119	76.3	71.9	85.2	67.4	138.9	63.5	0.724	79	124	SE by S	17	...	Do.
15	29.888	0.126	76.7	72.4	85.2	69.8	139.4	65.6	0.739	81	140	S S E	20	...	Do.
16	29.897	0.124	77.2	73.1	85.4	69.2	138.6	64.6	0.761	82	145	S S E	15	...	Do.
17	29.887	0.106	77.9	73.9	87.9	70.7	141.1	66.8	0.784	82	162	S S E	10	...	Do.
18	29.937	0.119	79.8	75.4	86.5	73.1	139.1	69.1	0.822	80	156	SE by S	10	...	Do.
19	29.955	0.118	79.6	76.0	86.8	73.8	138.9	71.0	0.851	85	140	SE by S	35	...	Passing clouds.
20	29.978	0.089	78.6	73.8	86.3	72.1	141.0	68.2	0.771	79	105	E S E	30	...	Do.
21	30.012	0.075	78.5	73.3	87.4	71.0	143.8	66.8	0.751	78	119	E by S	25	...	Fine.
22	29.999	0.113	79.0	73.4	86.3	72.4	146.6	69.0	0.749	76	113	East	25	...	Do.
23	29.981	0.115	76.6	71.1	86.8	69.6	146.8	65.1	0.689	75	84	E by S	20	...	Do.
24	29.986	0.098	76.4	71.5	87.2	67.6	147.2	64.0	0.707	77	98	E by S	35	...	Passing clouds.
25	30.028	0.093	77.7	71.8	86.6	69.4	141.2	64.8	0.702	74	78	East	25	...	Fine.
26	30.042	0.105	78.8	72.9	88.2	69.6	141.9	65.0	0.730	74	88	E N E	15	...	Do.
27	29.979	0.107	78.6	72.3	88.2	69.4	143.1	65.0	0.710	73	97	NE by E	40	...	Passing clouds.
28	29.956	0.108	78.3	71.4	87.2	70.4	146.6	65.1	0.677	70	83	E by N	32	...	Do.
29	29.962	0.094	77.0	71.5	87.2	67.6	146.6	63.8	0.699	75	70	East	20	...	Fine.
Mean	29.989	0.113	76.7	71.6	86.0	68.6	141.8	64.3	0.707	77	111	SE by E	22	Nil	

Madras Meteorological Observations. 1888—March.

March 1888	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.980	0.100	77.4	72.5	88.0	69.0	141.6	65.2	0.733	78	79	E by S	20	...	Fine.
2	29.952	0.109	78.1	72.9	89.1	69.2	141.5	65.9	0.740	77	85	SE by E	7	...	Do.
3	29.950	0.130	78.4	74.1	87.1	70.8	140.9	66.5	0.786	81	117	SE by S	15	...	Do.
4	29.972	0.099	78.3	72.5	87.6	70.4	141.0	66.4	0.721	75	79	S E	20	...	Do.
5	29.966	0.122	76.2	70.9	86.5	68.4	149.1	64.6	0.687	75	78	SE by E	20	...	Do.
6	29.965	0.101	76.5	70.4	86.4	68.5	142.7	64.7	0.663	73	80	E S E	12	...	Do.
7	29.965	0.131	77.8	71.6	86.7	69.2	149.3	65.5	0.693	73	75	SE by E	28	...	Do.
8	29.935	0.115	78.2	71.9	87.6	68.5	147.6	65.3	0.697	72	117	S E	35	...	Passing clouds.
9	29.907	0.138	78.7	72.8	87.7	70.5	141.1	65.5	0.728	74	107	E S E	27	...	Do.
10	29.892	0.121	80.9	76.3	88.0	73.7	143.1	71.7	0.846	80	131	S E	30	...	Do.
11	29.901	0.129	81.2	76.2	89.3	74.5	149.1	71.5	0.837	78	143	S S E	25	...	Fine.
12	29.920	0.079	80.0	75.1	88.3	73.6	141.9	70.4	0.806	78	159	SE by S	5	...	Do.
13	29.997	0.103	79.1	73.3	88.2	72.2	141.7	67.5	0.743	75	146	SE by S	25	...	Do.
14	29.996	0.141	78.5	72.5	87.3	69.9	140.4	67.1	0.719	74	104	S E	10	...	Do.
15	29.905	0.145	79.3	73.4	88.5	69.3	141.3	66.3	0.744	74	157	S S E	13	...	Do.
16	29.873	0.119	80.8	76.0	92.3	73.3	144.8	70.8	0.834	80	163	S S E	15	...	Do.
17	29.913	0.102	81.0	75.9	89.7	73.2	147.8	69.8	0.827	78	177	S S E	20	...	Do.
18	29.949	0.124	80.8	75.5	89.2	73.7	144.1	70.2	0.813	78	133	SE by S	17	...	Do.
19	29.943	0.088	78.9	73.6	88.5	71.1	142.2	67.7	0.759	78	91	SE by E	10	...	Do.
20	29.961	0.110	80.0	74.3	89.3	72.5	139.5	67.8	0.773	76	79	E S E	48	...	Passing clouds.
21	29.934	0.118	78.5	74.0	89.9	72.0	143.8	68.1	0.780	80	76	SE by E	32	...	Do.
22	29.895	0.099	79.2	73.7	89.3	68.7	139.2	64.0	0.759	76	120	S S E	18	...	Fine.
23	29.884	0.120	79.9	75.2	91.3	72.4	141.8	68.8	0.812	80	163	S S E	5	...	Do.
24	29.855	0.129	81.7	76.8	89.3	74.3	140.0	70.8	0.857	79	206	S by E	0	...	Do.
25	29.823	0.142	83.6	76.9	91.4	76.5	140.8	74.0	0.835	73	209	S by E	0	...	Do.
26	29.864	0.132	82.4	77.6	91.7	77.7	144.9	75.2	0.883	79	209	S S E	10	...	Do.
27	29.865	0.113	80.9	76.0	89.2	72.5	142.0	68.7	0.832	78	166	SE by S	7	...	Clear.
28	29.905	0.116	81.3	77.3	89.4	74.5	143.1	70.8	0.884	83	159	S S E	20	...	Fine.
29	29.933	0.131	82.3	77.5	89.3	75.3	142.8	72.8	0.880	79	163	S S E	20	...	Do.
30	29.863	0.135	83.4	77.8	90.3	75.1	141.0	71.6	0.879	77	191	S S E	0	...	Clear.
31	29.818	0.108	84.2	78.2	90.7	77.5	145.2	74.8	0.885	75	211	S S E	5	...	Do.
Mean	29.919	0.117	79.9	74.6	88.9	72.2	143.1	68.7	0.788	77	135	SE by S	17	Nil.	

Madras Meteorological Observations. 1888—April.

April 1888	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.856	0.126	83.1	79.4	91.3	78.8	139.5	77.0	0.954	84	194	SE by S	32	...	Passing clouds.
2	29.871	0.132	81.9	76.9	88.8	75.6	141.2	72.8	0.859	79	151	S S E	30	...	Do.
3	29.839	0.127	81.0	76.2	89.9	72.2	141.9	68.8	0.840	80	154	S S E	10	...	Fine.
4	29.803	0.142	81.8	75.9	93.3	72.9	146.3	69.0	0.816	76	178	S S E	15	...	Do.
5	29.797	0.116	83.0	78.0	89.7	75.2	148.1	72.9	0.893	79	205	S S E	15	...	Do.
6	29.809	0.134	82.4	77.8	89.2	75.6	144.5	72.8	0.892	81	187	S S E	25	...	Do.
7	29.809	0.135	83.2	78.0	90.8	76.4	143.5	73.6	0.890	78	178	SE by S	30	...	Passing clouds.
8	29.779	0.127	83.3	78.8	91.5	75.6	140.3	72.8	0.925	81	183	S S E	50	...	Do.
9	29.754	0.155	84.0	79.9	90.3	78.8	149.2	76.8	0.967	82	191	S S E	40	...	Do.
10	29.746	0.126	84.8	79.5	91.7	78.0	141.1	76.0	0.938	78	185	S S E	45	...	Do.
11	29.774	0.125	85.0	79.6	93.3	78.9	144.1	76.4	0.939	78	202	S S E	55	...	Do.
12	29.791	0.117	84.0	79.2	89.1	78.8	138.9	75.8	0.935	80	167	S S E	55	...	Do.
13	29.857	0.058	83.1	78.8	89.7	78.0	141.8	76.4	0.928	83	99	SE by S	70	...	Passing clouds : lg.
14	29.872	0.118	81.6	78.1	88.8	77.8	140.8	74.8	0.916	85	79	E by S	65	0.13	Cloudy with showers.
15	29.852	0.132	84.8	80.0	92.1	78.5	149.3	75.6	0.961	80	162	S E	35	...	Passing clouds.
16	29.834	0.114	86.2	80.5	91.9	80.5	147.4	78.8	0.965	77	257	S S E	15	...	Fine.
17	29.852	0.120	85.9	81.1	92.5	80.7	146.1	76.8	0.998	80	245	S S E	40	...	Passing clouds.
18	29.847	0.133	86.0	81.9	93.6	80.1	142.1	78.8	1.036	84	203	S S E	15	...	Fine.
19	29.819	0.106	85.3	80.7	91.3	80.5	141.8	76.8	0.987	81	203	S S E	25	...	Do.
20	29.865	0.144	86.1	79.8	91.3	80.5	149.6	77.8	0.933	75	152	SE by E	55	...	Passing clouds.
21	29.913	0.120	84.2	78.5	93.3	78.4	144.2	75.8	0.899	76	164	S E	25	...	Fine.
22	29.933	0.160	84.3	79.1	95.1	77.7	151.4	74.8	0.925	79	144	SE by E	30	...	Passing clouds.
23	29.857	0.151	85.0	80.5	95.5	79.2	152.1	75.8	0.982	81	202	S S E	25	...	Fine.
24	29.810	0.151	86.3	81.8	98.1	80.2	149.7	77.9	1.026	82	209	S by E	20	...	Do.
25	29.777	0.147	86.0	81.6	96.3	79.9	147.6	78.8	1.020	82	257	S by E	20	...	Do.
26	29.771	0.138	87.6	81.5	98.1	81.3	148.4	79.6	0.995	76	277	S by E	5	...	Do.
27	29.793	0.134	86.9	81.2	97.0	82.3	144.6	79.8	0.988	78	254	S S E	10	...	Do.
28	29.752	0.145	87.0	80.7	95.3	80.8	148.6	78.8	0.964	74	232	S by E	0	...	Do.
29	29.719	0.144	86.7	81.7	91.8	83.3	148.7	81.4	1.017	80	267	S by E	25	...	Do.
30	29.704	0.136	87.6	82.5	94.6	81.9	148.6	79.8	1.044	80	272	S by E	0	...	Do.
Mean	29.815	0.130	84.6	79.6	92.5	78.6	145.4	76.1	0.949	80	195	S S E	29	0.13	

Madras Meteorological Observations. 1888—May.

May 1888	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Rango			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.768	0.129	87.6	83.1	94.5	82.1	147.7	80.2	1.073	82	260	S S E	7	...	Fine.
2	29.769	0.124	88.2	83.2	97.5	82.2	148.7	81.2	1.070	80	243	S by E	0	...	Do.
3	29.753	0.129	89.1	82.3	98.9	81.3	151.5	80.1	1.013	74	177	S S E	15	...	Do.
4	29.772	0.135	86.5	82.3	96.3	80.6	148.7	78.2	1.048	84	192	S S E	10	...	Do.
5	29.759	0.132	86.0	81.5	94.3	80.9	145.7	79.5	1.016	82	245	SE by S	0	...	Do.
6	29.763	0.144	86.6	80.4	94.9	81.3	143.9	80.2	0.952	75	228	SE by S	20	...	Fine: lg.
7	29.771	0.124	85.9	79.4	93.8	78.6	146.3	77.2	0.917	74	194	SE by S	30	...	Passing clouds.
8	29.793	0.102	85.7	80.0	92.1	79.0	144.7	77.2	0.948	77	154	S E	45	...	Do.
9	29.777	0.117	85.3	78.9	93.0	79.9	143.2	77.8	0.902	74	137	SE by E	40	...	Do.
10	29.787	0.106	86.1	79.6	95.6	78.8	148.1	77.5	0.924	74	166	E by N	50	...	Do.
11	29.762	0.125	78.9	76.7	81.8	75.6	99.7	73.3	0.890	90	278	E N E	100	1.57	Rainy and stormy: th. and lg.
12	29.771	0.085	81.1	77.0	85.3	76.6	127.7	75.2	0.874	83	262	SE by S	93	1.60	Rainy: thunderstorm evening.
13	29.783	0.096	82.5	78.5	87.1	78.8	123.0	76.5	0.922	84	271	S S E	78	...	Cloudy: th. and lg.
14	29.801	0.099	83.8	78.8	93.0	78.1	141.7	76.5	0.919	79	270	South	25	...	Fine: lg.
15	29.804	0.154	84.5	79.5	94.1	79.0	145.8	77.4	0.942	79	273	S by W	32	...	Passing clouds: lg.
16	29.768	0.131	85.8	79.5	98.1	80.7	148.6	80.6	0.924	75	259	SW by S	30	...	Do. : do.
17	29.719	0.112	87.0	79.9	99.6	79.8	145.6	78.2	0.927	72	254	SW by S	28	...	Passing clouds.
18	29.717	0.108	86.9	78.9	101.6	80.4	146.6	79.4	0.881	69	239	S W	40	...	Passing clouds: th. and lg.
19	29.697	0.121	88.3	78.0	102.1	78.8	147.5	77.3	0.821	61	213	SW by S	25	...	Fine.
20	29.709	0.131	87.3	78.4	99.0	79.9	146.4	78.3	0.852	65	204	South	25	...	Do.
21	29.661	0.108	87.9	80.4	103.2	78.9	150.6	77.5	0.938	71	193	S by W	5	...	Do.
22	29.679	0.103	85.9	81.0	98.2	80.6	147.5	79.4	0.992	80	241	S by E	18	...	Do.
23	29.742	0.112	84.2	81.2	89.7	80.1	138.8	79.2	1.026	87	206	S S E	17	...	Do.
24	29.748	0.117	84.3	79.6	91.2	79.6	144.8	77.4	0.949	80	192	SE by S	35	...	Passing clouds.
25	29.720	0.124	84.4	79.5	92.3	77.8	145.0	76.5	0.943	79	159	S S E	30	...	Do.
26	29.700	0.137	84.6	78.0	91.3	78.8	139.1	75.8	0.871	74	190	SE by S	20	...	Fine.
27	29.718	0.083	84.2	80.4	90.6	81.0	144.6	78.1	0.988	84	179	SE by S	60	...	Passing clouds.
28	29.747	0.093	83.2	77.7	89.3	80.2	145.2	80.2	0.877	77	192	South	70	...	Passing clouds: lg.
29	29.712	0.108	84.5	78.3	92.1	78.7	144.3	76.7	0.886	75	258	S by E	37	...	Passing clouds.
30	29.666	0.133	86.6	80.5	100.1	80.8	152.1	79.8	0.960	76	264	S by W	18	...	Fine.
31	29.625	0.101	88.6	81.7	101.0	82.2	152.6	80.5	0.990	73	253	S by W	17	...	Do.
Mean	29.741	0.117	85.5	79.8	94.6	79.7	143.4	78.2	0.943	77	221	S by E	33	3.17	

Madras Meteorological Observations. 1888—June.

June 1888	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.							
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.631	0.107	88.3	81.1	103.1	82.5	153.2	81.8	0.965	72	266	S by W	12	...	Fine: lg. W.
2	29.686	0.041	87.3	79.9	104.1	82.6	151.5	81.8	0.922	71	240	South	43	...	Cloudy: th. and lg.
3	29.694	0.151	84.8	77.3	95.0	78.5	142.9	77.7	0.837	70	213	W S W	85	...	Cloudy: lg.
4	29.717	0.155	87.9	79.5	97.5	83.5	144.5	83.1	0.895	68	236	S by W	15	...	Fine: lg. W.
5	29.712	0.128	87.9	79.7	101.3	82.4	147.0	81.4	0.904	68	237	S by W	22	...	Fine.
6	29.705	0.131	87.0	78.4	102.2	83.0	146.4	82.3	0.857	67	230	SW by S	40	0.01	Passing clouds: th. and lg.
7	29.719	0.129	87.1	76.4	98.3	82.1	145.9	80.5	0.766	59	261	S S W	23	...	Fine.
8	29.728	0.129	87.1	77.3	99.6	81.1	145.6	79.3	0.806	63	230	S by W	40	...	Passing clouds.
9	29.714	0.153	86.1	77.7	98.8	80.3	149.3	79.5	0.837	67	188	S S W	55	...	Passing clouds: lg. S.
10	29.671	0.136	86.7	76.6	98.2	82.3	144.6	80.1	0.781	62	235	SW by W	50	0.74	Light thunderstorm at 9.30 P.M.
11	29.654	0.116	85.0	76.6	96.2	76.1	146.9	75.4	0.803	66	214	S W	80	0.01	Cloudy: th. and lg.
12	29.710	0.125	88.3	78.0	98.7	81.4	149.0	79.3	0.821	61	201	SW by W	45	...	Passing clouds.
13	29.749	0.140	89.8	78.0	101.2	82.0	153.8	80.3	0.801	57	243	W by S	37	...	Do.
14	29.735	0.147	89.8	77.9	103.8	82.9	151.0	82.1	0.796	56	267	W N W	48	0.08	Passing clouds: th. and lg.
15	29.696	0.138	84.9	77.0	101.7	80.4	149.1	77.3	0.822	68	235	W by S	52	0.89	Passing clouds: thunderstorm 5 P.M.
16	29.690	0.113	85.9	77.3	95.5	80.1	137.2	78.3	0.822	66	193	SW by W	85	...	Cloudy.
17	29.738	0.124	87.4	75.7	95.6	82.3	146.5	80.1	0.732	57	246	W S W	77	...	Do.
18	29.718	0.162	84.8	76.3	95.9	80.1	151.8	78.3	0.793	66	172	W by S	63	0.01	Passing clouds.
19	29.683	0.116	85.5	78.0	96.7	78.0	132.1	76.1	0.859	70	193	W by S	75	...	Cloudy.
20	29.646	0.109	87.2	79.3	100.4	79.9	146.2	78.3	0.895	69	178	S by W	60	...	Passing clouds: lg.
21	29.665	0.060	87.2	79.1	99.3	82.1	147.4	80.1	0.886	69	226	S by W	35	...	Passing clouds.
22	29.675	0.067	86.1	79.8	99.5	79.8	148.4	78.1	0.933	75	214	SW by S	35	...	Do.
23	29.711	0.060	87.0	79.5	99.0	80.4	147.4	77.3	0.908	71	208	South	20	...	Fine.
24	29.710	0.113	86.8	80.7	102.1	78.7	146.0	77.1	0.967	76	195	SW by S	30	...	Passing clouds.
25	29.716	0.103	85.9	80.3	90.3	81.9	118.1	81.1	0.960	78	193	South	92	...	Cloudy.
26	29.696	0.114	85.9	80.0	101.2	81.7	149.2	80.2	0.945	76	228	SW by S	40	0.09	Passing clouds.
27	29.739	0.134	85.2	78.0	100.5	77.2	151.1	74.1	0.862	72	248	S W	20	...	Fine.
28	29.735	0.148	88.7	79.9	100.3	80.5	149.8	78.2	0.903	67	234	S S W	48	...	Passing clouds: lg.
29	29.743	0.127	88.7	77.0	96.8	82.7	134.1	79.1	0.771	56	231	SW by W	97	...	Overcast.
30	29.759	0.109	87.8	77.9	97.2	83.6	144.2	80.9	0.823	62	226	SW by W	93	0.10	Cloudy.
Mean	29.705	0.120	86.9	78.3	99.0	81.0	145.7	79.3	0.856	67	223	S W	51	1.93	

Madras Meteorological Observations. 1888—July.

July 1888	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
					Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity				Daily Velo- city	Mean Direc- tion
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.794	0.100	86.5	77.6	92.3	82.0	121.1	79.7	0.827	65	214	W S W	90	...	Cloudy.
2	29.809	0.101	86.9	75.6	91.8	83.2	116.7	82.0	0.735	57	218	W S W	100	...	Overcast.
3	29.793	0.151	87.9	78.3	95.6	81.6	148.9	81.2	0.841	64	233	S W	75	...	Cloudy.
4	29.741	0.179	88.1	78.1	102.2	82.2	151.0	80.6	0.828	62	218	W S W	57	0.14	Passing clouds : rain.
5	29.737	0.131	84.9	78.0	99.3	79.6	143.7	79.0	0.866	72	202	SW by W	50	0.02	Passing clouds.
6	29.735	0.141	87.0	78.5	100.3	79.4	151.3	79.4	0.861	67	235	SW by S	53	...	Do.
7	29.729	0.166	85.0	79.7	98.4	81.7	151.1	80.2	0.944	78	207	S S W	70	1.01	Cloudy : thunderstorm 6 P.M.
8	29.723	0.154	82.7	77.6	94.3	77.6	139.1	76.0	0.880	79	150	SW by W	85	0.22	Cloudy : th. lg. : rain.
9	29.725	0.149	82.7	76.4	95.4	77.8	140.9	77.1	0.826	74	176	W S W	75	0.10	Passing clouds : lg. : rain.
10	29.680	0.163	81.0	75.6	92.5	74.4	141.1	73.8	0.814	77	147	W by N	98	0.17	Overcast : lg. : rain.
11	29.662	0.145	82.0	75.6	96.1	74.5	141.1	73.4	0.800	73	115	S W	90	0.05	Overcast.
12	29.680	0.098	81.0	76.7	92.8	76.1	128.0	74.4	0.862	82	75	S W	100	0.06	Overcast : lg. S.
13	29.702	0.111	82.7	75.4	90.2	77.7	143.4	76.4	0.788	70	215	S W	98	...	Overcast.
14	29.697	0.089	85.0	75.7	94.5	78.4	137.5	77.2	0.765	63	223	W S W	87	...	Cloudy.
15	29.736	0.107	83.9	75.6	95.0	77.4	147.5	74.6	0.775	67	167	SW by S	70	...	Do.
16	29.756	0.102	83.8	77.2	96.4	79.1	142.7	77.0	0.846	73	195	SW by S	90	...	Overcast.
17	29.761	0.078	84.8	77.0	96.8	79.8	142.2	79.0	0.824	69	184	S W	80	0.38	Cloudy : thunderstorm 11 P.M.
18	29.753	0.117	81.4	77.5	93.6	72.5	138.4	72.0	0.892	83	152	S by W	97	0.07	Overcast.
19	29.762	0.133	84.2	78.2	97.3	77.7	149.8	75.4	0.885	75	169	S by W	78	0.02	Passing clouds.
20	29.809	0.136	86.3	76.7	96.4	78.7	146.1	77.1	0.791	63	197	SW by S	65	...	Do.
21	29.793	0.135	85.2	77.5	97.0	79.1	144.0	77.0	0.839	69	186	SW by S	60	0.08	Passing clouds : th. and lg.
22	29.776	0.124	82.6	76.9	95.4	78.1	141.2	77.0	0.849	76	158	S S W	75	1.19	Cloudy : thunderstorm 8.30 P.M.
23	29.756	0.131	82.4	78.1	95.3	77.6	144.0	75.8	0.906	83	153	S S W	67	0.46	Cloudy : light thunderstorm 6 P.M.
24	29.731	0.134	81.8	77.3	95.1	77.8	141.4	77.0	0.877	81	192	S W	78	0.04	Cloudy : th. and lg.
25	29.746	0.092	80.6	76.9	95.2	75.9	140.4	75.0	0.876	84	194	S S W	67	0.58	Cloudy : thunderstorm.
26	29.774	0.095	82.6	77.4	91.3	75.5	129.6	74.0	0.871	78	165	S S W	80	...	Cloudy.
27	29.729	0.140	83.5	76.7	96.0	78.4	145.0	77.0	0.829	73	177	South	48	...	Fine with passing clouds.
28	29.724	0.089	84.2	77.4	97.1	79.7	150.0	78.0	0.848	73	177	S by W	60	...	Passing clouds.
29	29.720	0.099	84.9	77.8	97.1	78.6	145.1	77.2	0.859	72	197	S by W	36	...	Do.
30	29.745	0.100	84.2	78.5	94.9	77.5	140.8	76.4	0.899	75	178	S by E	42	0.03	Passing clouds : lg.
31	29.743	0.098	83.5	78.6	95.1	76.0	141.0	74.2	0.913	79	181	SW by S	58	0.01	Do. : do.
Mean	29.743	0.122	84.0	77.2	95.5	78.2	141.4	76.9	0.846	73	182	SW by S	74	4.63	

Madras Meteorological Observations. 1888—August.

August 1888	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hnm- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.762	0.132	80.7	76.9	93.3	71.4	137.1	69.8	0.875	84	210	SW by W	60	2.45	Thunderstorm 9 to 10 P.M.
2	29.739	0.130	80.6	76.6	92.1	74.8	137.9	73.3	0.863	83	186	S W	77	0.45	Passing cls. : th.-storm 11 P.M. to 3 A.M.
3	29.723	0.126	83.1	76.9	91.7	74.3	139.7	72.7	0.842	74	156	SW by S	58	0.51	P. cls. : th. and lg. : rain.
4	29.739	0.107	83.4	77.3	92.4	77.3	139.5	74.7	0.856	74	147	S W	82	0.03	Cloudy : th. and lg.
5	29.744	0.125	82.3	75.9	90.3	77.4	123.6	75.5	0.809	73	151	W S W	100	...	Overcast.
6	29.708	0.152	84.1	75.4	94.5	78.3	138.9	77.5	0.764	64	193	SWby W	68	...	Passing clouds.
7	29.679	0.148	85.9	76.5	95.8	79.4	141.9	78.6	0.787	63	168	SW by W	65	...	Do.
8	29.711	0.085	85.2	76.6	91.0	79.3	128.3	78.5	0.801	66	137	SW by W	82	...	Cloudy.
9	29.702	0.108	84.6	77.1	97.2	79.5	146.5	78.7	0.831	70	203	SW by S	25	...	Fine.
10	29.712	0.127	85.1	77.9	98.4	80.4	146.7	79.6	0.859	71	185	S S W	43	0.17	Passing clouds : lg. : rain.
11	29.701	0.099	85.6	77.2	93.4	79.3	138.5	78.7	0.821	66	168	S W	42	...	Passing clouds.
12	29.733	0.114	83.8	76.4	96.6	79.5	143.4	78.7	0.811	69	189	SWby S	38	0.05	Do.
13	29.753	0.100	83.4	77.0	97.9	79.4	143.7	78.5	0.842	73	190	SW by S	42	0.94	P. clouds. } Thunderstorm from 11
14	29.798	0.114	81.8	78.5	90.4	75.4	139.9	73.6	0.932	86	135	SW by S	45	0.60	Do. } P.M. to 2 A.M.
15	29.796	0.122	80.8	76.7	86.9	75.0	136.9	73.5	0.865	83	155	S S W	50	...	Passing clouds.
16	29.804	0.119	81.2	75.9	87.1	74.4	115.5	72.4	0.825	77	114	W S W	52	0.02	Overcast.
17	29.809	0.120	82.2	76.1	91.9	78.4	142.2	77.4	0.820	75	167	S W	78	1.04	Cloudy : th.-storm from 9 to 11 P.M.
18	29.781	0.130	81.4	75.7	90.2	71.6	136.7	70.3	0.813	73	163	SW by W	75	0.05	Cloudy.
19	29.780	0.097	80.3	76.2	90.4	76.8	131.7	75.7	0.850	82	135	SW by W	100	0.48	Overcast : thunderstorm 7-30 P.M.
20	29.791	0.106	81.4	76.7	89.4	73.8	140.4	73.2	0.856	80	142	S S W	95	...	Overcast.
21	29.807	0.115	80.9	76.0	91.9	76.5	141.7	75.1	0.832	78	152	S S W	72	...	Passing clouds : th. and lg.
22	29.827	0.109	82.3	75.1	93.1	76.0	147.4	74.3	0.775	71	164	S S W	70	...	Do. : do.
23	29.826	0.125	82.6	77.2	92.5	76.6	145.4	74.9	0.862	77	202	S S W	58	...	Passing clouds.
24	29.834	0.110	81.8	77.0	90.3	76.6	127.7	76.1	0.864	80	181	S by W	62	...	Do.
25	29.857	0.132	81.9	76.6	94.8	76.6	145.6	76.1	0.846	78	180	S S W	63	0.48	Passing clouds : th.-storm 10 P.M.
26	29.834	0.144	80.6	77.2	90.2	73.3	141.9	72.5	0.889	85	167	S S W	75	0.67	Rain : th. & lg.
27	29.790	0.145	83.2	76.8	93.2	76.3	144.8	75.1	0.836	73	142	S W	67	0.13	Passing clouds : lg. : rain.
28	29.770	0.147	83.6	77.8	94.1	72.9	141.2	72.1	0.876	76	170	S W	43	0.02	Light clouds.
29	29.764	0.141	85.0	77.2	95.1	75.6	141.1	74.9	0.830	69	194	S W	30	...	Fine.
30	29.760	0.100	85.1	77.6	94.5	78.2	137.9	76.9	0.847	70	178	S W	42	...	Passing clouds.
31	29.744	0.114	85.6	76.1	95.9	78.2	142.7	76.9	0.774	63	193	SW by S	20	...	Fine.
Mean	29.767	0.121	82.9	76.7	92.8	76.5	138.9	75.3	0.837	74	168	S W	61	8.09	

Madras Meteorological Observations. 1888—September.

September 1888	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.757	0.088	80.9	76.5	95.7	75.8	148.7	73.2	0.854	81	140	SE by E	55	0.15	Passing clouds : rain.
2	29.752	0.119	82.8	76.4	94.3	75.6	146.6	73.4	0.824	73	118	South	42	0.06	Passing clouds : lg.
3	29.785	0.104	83.1	76.9	95.4	76.5	146.3	74.2	0.842	75	124	South	38	0.01	Do. : do.
4	29.781	0.125	81.5	76.5	94.5	69.4	141.4	68.6	0.847	74	149	South	50	0.82	Thunderstorm at 2 P.M.
5	29.746	0.158	84.6	76.9	95.1	76.5	144.5	74.0	0.822	70	118	W S W	75	...	Passing clouds : lg.
6	29.757	0.127	82.8	77.6	92.1	77.9	148.3	74.2	0.878	78	122	S W	82	0.07	Passing clouds.
7	29.760	0.136	82.6	77.7	94.3	79.4	147.0	77.8	0.885	79	149	N W	70	0.07	Passing clouds : lg.
8	29.762	0.126	82.7	78.6	91.0	75.8	148.3	74.8	0.924	83	101	S by W	45	...	Passing clouds.
9	29.765	0.145	83.6	79.3	95.3	78.6	150.7	77.8	0.945	83	128	South	35	0.08	Passing clouds : th.
10	29.784	0.120	83.6	78.7	95.2	78.0	154.3	76.1	0.916	79	124	S S E	15	0.02	Fine : lg.
11	29.780	0.153	83.9	79.2	95.1	78.4	142.3	76.8	0.936	80	111	South	25	0.35	Fine with a heavy shower : th. & lg.
12	29.778	0.096	81.9	77.1	93.3	74.8	143.6	73.8	0.867	80	126	S by W	30	...	Passing clouds : lg.
13	29.748	0.132	84.6	79.3	94.3	77.8	149.9	76.2	0.931	78	122	SE by S	35	...	Do. : do.
14	29.714	0.119	83.4	76.4	96.8	75.7	147.5	74.4	0.816	71	173	S S W	55	...	Do. : do.
15	29.694	0.165	86.4	78.5	97.3	79.6	146.6	78.5	0.869	69	194	W S W	50	...	Do. : do.
16	29.688	0.138	86.1	77.3	94.4	79.8	137.4	79.2	0.819	65	206	W S W	97	...	Overcast.
17	29.731	0.122	84.0	75.4	94.1	78.2	143.0	76.7	0.753	62	250	SW by W	60	...	Passing clouds.
18	29.773	0.125	83.7	76.6	94.9	76.6	144.6	74.2	0.821	72	221	S S W	58	...	Do.
19	29.839	0.108	84.3	76.6	96.1	77.3	148.2	76.0	0.813	70	155	South	20	...	Fine.
20	29.887	0.134	84.0	78.5	92.6	77.8	146.0	76.0	0.902	77	146	SE by S	20	...	Do.
21	29.930	0.104	79.3	76.6	88.0	75.5	134.0	74.2	0.881	89	76	SW by S	60	0.06	Passing clouds : th. and lg.
22	29.941	0.118	81.9	77.5	90.1	75.7	140.4	70.1	0.885	81	121	S S E	35	...	Passing clouds.
23	29.910	0.128	82.8	77.6	92.1	75.4	149.8	73.2	0.878	79	130	S S E	35	...	Passing clouds : lg.
24	29.900	0.113	84.1	78.6	93.7	77.3	153.5	75.0	0.906	77	136	S S E	30	...	Do. : do.
25	29.903	0.128	83.7	78.7	93.3	76.7	152.2	74.2	0.915	79	144	S S E	35	...	Do. : do.
26	29.883	0.103	85.2	79.3	94.5	78.6	150.5	76.0	0.922	76	111	South	40	...	Fine with passing clouds : th. & lg.
27	29.840	0.131	83.9	77.0	97.7	77.6	151.4	76.5	0.835	72	155	SW by S	45	...	Do. : do.
28	29.816	0.105	84.1	77.7	96.7	77.7	147.6	77.0	0.864	74	136	S S W	50	0.54	Thunderstorm 4-30 P.M.
29	29.813	0.128	83.2	79.2	95.1	76.7	151.4	75.2	0.945	83	121	S S W	40	...	Fine with passing clouds : th. & lg.
30	29.823	0.106	82.8	78.0	97.5	75.8	151.7	75.0	0.895	81	131	S S W	50	0.14	Passing clouds : th. and lg. : rain.
Mean	29.801	0.124	83.4	77.7	94.4	76.9	147.2	75.1	0.873	76	141	S by W	46	2.32	

Madras Meteorological Observations. 1888—October.

October 1888	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points.	Cents	Inches	
1	29.815	0.128	85.0	79.3	94.0	77.5	149.3	75.7	0.925	77	115	S by W	35	...	Passing clouds: lg.
2	29.806	0.137	84.2	79.5	96.5	78.0	151.5	75.7	0.946	81	97	S S W	35	...	Do. : do.
3	29.810	0.138	82.9	78.4	97.2	76.8	151.2	75.3	0.913	81	120	S W	67	0.12	Showers: th. and lg.
4	29.820	0.121	80.9	77.5	95.8	74.7	144.9	72.7	0.899	86	131	S S W	58	0.63	Cloudy: thunderstorm 4-4.5 P.M.
5	29.823	0.086	79.7	78.4	92.1	76.6	127.5	75.5	0.954	96	105	SW	97	0.29	Overcast with rain: th. and lg.
6	29.849	0.092	81.6	78.7	91.7	75.9	138.5	74.7	0.943	86	92	N N W	93	0.11	Overcast with rain.
7	29.880	0.106	82.1	78.7	90.6	76.9	144.4	74.7	0.936	86	71	S E	57	0.07	Passing clouds.
8	29.903	0.100	81.5	77.7	88.7	78.0	146.1	76.3	0.900	84	50	S S W	58	1.08	Forenoon wet: afternoon fine: th.
9	29.934	0.106	80.8	77.5	89.8	74.8	146.0	71.7	0.901	86	64	South	20	...	Fine.
10	29.959	0.114	82.9	77.0	89.6	75.7	141.3	73.0	0.849	76	103	E by N	30	...	Passing clouds.
11	29.976	0.122	83.2	76.3	91.2	76.0	146.1	73.7	0.814	72	132	N E	40	...	Do.
12	29.929	0.123	81.8	74.7	90.2	74.2	141.7	71.6	0.766	71	100	East	12	...	Fine.
13	29.891	0.121	81.8	74.7	89.8	74.0	143.0	71.0	0.766	71	109	E by N	25	...	Do.
14	29.916	0.108	81.9	76.3	90.3	73.3	145.3	70.7	0.833	76	114	E by N	46	...	Passing clouds.
15	29.950	0.086	76.0	74.7	79.1	76.9	88.0	74.7	0.844	93	55	N N E	100	1.52	Cloudy and rainy: th. and lg.
16	29.948	0.110	77.3	76.0	81.6	74.8	94.7	72.2	0.882	94	37	N N E	97	2.06	Cldy. & rainy: thunderstorm 4-30 A.M.
17	29.891	0.129	80.5	76.9	89.6	73.0	146.0	70.4	0.878	85	104	N N E	60	0.01	Passing clouds.
18	29.888	0.122	80.6	76.6	89.0	74.7	146.9	71.9	0.863	83	82	NE by N	50	...	Do.
19	29.925	0.106	81.6	77.3	91.0	74.1	149.1	71.9	0.880	80	135	NE by N	45	...	Do.
20	29.915	0.097	82.6	76.8	89.8	75.9	144.9	72.6	0.845	76	142	N E	23	...	Fine.
21	29.912	0.107	81.1	75.0	89.7	72.4	142.4	68.7	0.788	74	142	NE by N	16	...	Do.
22	29.916	0.113	80.7	73.6	88.7	70.9	141.3	70.2	0.735	71	146	NE by N	20	...	Do.
23	29.924	0.119	79.9	74.0	88.4	71.9	138.9	68.5	0.761	74	122	NE by N	60	...	Passing clouds.
24	29.933	0.106	79.2	77.1	84.4	74.2	116.1	73.5	0.904	91	133	NE by N	87	1.39	Thunderstorm 2 A.M.: cloudy.
25	29.939	0.103	78.9	76.9	84.8	76.4	140.5	74.7	0.899	91	104	NE by E	83	0.58	Cloudy with showers: th. and lg.
26	29.950	0.122	79.3	76.2	83.6	74.9	110.2	72.7	0.863	87	96	East	80	1.55	Cloudy and rainy.
27	29.867	0.139	79.6	77.3	88.4	75.8	140.1	74.2	0.908	91	153	NE by E	65	0.45	Cloudy with showers.
28	29.845	0.110	81.5	77.2	88.4	75.3	146.4	74.1	0.877	83	147	E by N	60	0.18	Passing clouds and showers.
29	29.843	0.105	79.6	76.5	88.7	74.1	146.1	72.9	0.869	87	159	NE by N	65	0.31	Do.
30	29.790	0.140	74.1	73.5	76.0	72.9	82.9	72.7	0.820	98	224	N N W	100	4.72	Steady rain.
31	29.369	0.260	74.5	73.6	78.9	73.1	75.9	72.7	0.818	97	661	NW by N	100	9.20	Cyclone: th. and lg.
Mean	29.875	0.119	80.6	76.6	88.6	75.0	134.4	72.9	0.864	83	130	NE by N	58	24.27	

Note—The cyclone recorded on the 31st prevailed more or less throughout the 30th and 31st October and the 1st November. The rain commenced at 9 P.M. on the 29th and was heavily continuous for the next forty-eight hours, during which time over 14 inches were collected. It almost entirely ceased about an hour before the middle of the storm. The cyclone proper, as indicated by falling barometer and rising wind, may be said to have begun about 2 P.M. on the 30th. It reached its maximum force between 8 and 9 P.M. on the 31st, nearly an hour before the time of lowest pressure, which was almost exactly at 10 P.M., when the wind moderated for about three hours, afterwards rising considerably between 1 and 4 A.M. on the 1st November, and only

Madras Meteorological Observations. 1888—November.

November 1888	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sum	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.721	0.093	79.8	76.3	84.7	74.0	131.7	72.2	0.861	85	431	SE by S	95	0.20	Overcast and showers.
2	29.812	0.101	81.0	78.4	87.3	74.8	139.7	74.3	0.938	89	114	SE by S	65	0.65	Passing clouds and showers.
3	29.849	0.091	81.0	77.0	86.6	76.6	140.9	75.0	0.875	83	121	SE by S	45	0.19	Do.
4	29.863	0.107	77.0	75.3	81.7	75.0	99.7	74.6	0.856	92	31	SE by S	81	0.59	Do.
5	29.878	0.117	78.7	76.2	87.8	74.4	143.2	73.3	0.869	89	66	South	82	0.10	Cloudy : lg.
6	29.869	0.098	81.0	77.0	87.3	75.0	146.2	73.5	0.875	84	94	S S E	43	0.01	Passing clouds : lg.
7	29.870	0.121	81.1	76.5	87.9	75.2	146.2	72.8	0.852	81	75	SE by S	42	0.08	Passing clouds.
8	29.884	0.084	81.3	76.7	87.9	75.8	143.5	72.9	0.858	81	71	SE by E	38	...	Do.
9	29.901	0.089	80.5	77.7	89.3	76.0	149.7	73.5	0.914	88	75	East	62	0.21	Passing clouds : rain.
10	29.883	0.128	81.7	77.7	88.7	75.4	152.2	74.4	0.897	82	81	East	55	0.02	Passing clouds.
11	29.888	0.101	81.2	77.1	89.2	75.7	151.7	72.9	0.877	83	73	E by N	60	0.52	Passing clouds : rain.
12	29.943	0.088	82.1	77.7	89.0	75.7	146.1	74.8	0.891	81	97	E by N	58	0.68	Passing clouds and showers.
13	29.975	0.099	79.7	76.5	88.9	74.8	144.2	72.8	0.871	87	131	E by N	72	0.22	Do.
14	29.949	0.104	80.5	76.9	89.1	75.7	147.8	73.8	0.876	84	129	N E	75	0.14	Cloudy : rain.
15	29.945	0.105	78.6	75.4	87.0	75.8	149.2	73.8	0.838	85	116	N N E	68	0.23	Passing clouds : rain.
16	29.961	0.085	77.7	73.3	85.2	75.3	142.3	73.5	0.762	80	201	N by E	65	0.18	Do. : do.
17	29.945	0.114	76.5	69.4	84.6	69.0	142.5	64.5	0.625	69	167	N by E	37	...	Passing clouds.
18	29.919	0.090	74.4	68.7	83.0	67.8	136.5	63.5	0.627	73	197	N by E	43	...	Do.
19	29.872	0.113	74.6	69.1	84.2	68.0	140.1	64.1	0.639	74	165	N by E	35	...	Do.
20	29.883	0.097	75.7	71.8	84.9	67.0	145.8	63.5	0.728	82	120	N by E	30	...	Do.
21	29.924	0.095	76.7	71.8	86.0	69.6	142.5	64.8	0.718	77	133	N N E	37	...	Do.
22	29.931	0.082	75.6	70.8	82.9	68.4	144.0	62.9	0.692	78	181	N N E	50	...	Do.
23	29.956	0.129	78.5	73.8	85.0	73.6	143.3	71.7	0.772	79	228	N by E	80	...	Cloudy.
24	29.979	0.131	74.1	73.7	76.0	72.8	86.5	69.6	0.824	98	143	North	100	1.84	Rainy and overcast : th. and lg.
25	29.999	0.106	76.8	75.6	86.0	73.0	140.3	71.5	0.873	94	127	N E	100	1.66	Do. do.
26	30.021	0.066	77.2	75.5	84.6	75.8	127.5	74.0	0.862	92	155	E by N	90	1.52	Rainy and overcast.
27	30.015	0.061	75.9	74.5	85.0	73.0	118.0	72.1	0.839	93	92	N E	85	0.07	Cloudy.
28	29.994	0.095	77.9	74.7	87.4	73.0	145.5	71.9	0.818	85	103	N E	60	0.06	Do.
29	29.995	0.106	79.0	75.5	87.3	72.8	141.7	70.7	0.837	85	115	N E	35	...	Passing clouds.
30	30.003	0.101	78.9	76.0	86.8	73.8	143.1	70.8	0.859	87	97	N E	50	0.36	Passing clouds : rain.
Mean	29.923	0.100	78.5	74.9	86.0	73.4	139.1	71.1	0.821	84	131	E N E	61	9.53	

becoming ordinary by noon on that day. The lowest barometric pressure reduced to 32° was 29.995 inches and the greatest hourly wind velocity 46 miles. The gusts were, however, unquestionably stronger than in the memorable cyclone of May 1872, when the maximum hourly velocity was actually seven miles greater. One of the gusts blew over a train on the South India Railway. The centre of the cyclone passed between the Observatory and the Marine Office. See *Cyclone Memoirs*, Part III.

Madras Meteorological Observations. 1888—December.

December 1888	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet					Max.	Min.	Max.	Min.				Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion
					°	°	°	°							
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.979	0.122	79.5	75.4	86.4	74.0	142.9	71.9	0.827	82	178	NE by N	45	...	Passing clouds.
2	29.944	0.131	80.2	75.9	85.5	76.0	143.8	73.5	0.838	82	206	N N E	47	0.02	Do.
3	29.943	0.106	79.2	75.5	86.0	75.2	141.2	73.9	0.835	85	257	N by E	53	...	Do.
4	29.973	0.119	76.8	74.3	79.1	74.2	83.1	72.3	0.816	89	213	NE by N	100	4.55	Overcast and rainy : th.
5	29.975	0.073	77.6	73.7	83.4	73.2	113.9	72.1	0.785	84	238	N E	92	0.08	Overcast.
6	29.977	0.095	75.7	71.1	82.0	73.5	133.3	69.9	0.702	79	155	NE by N	72	...	Cloudy.
7	29.975	0.085	75.3	70.8	83.7	68.5	144.7	65.1	0.694	81	164	N N E	60	...	Passing clouds.
8	29.984	0.083	75.7	71.2	84.2	70.2	140.9	69.8	0.709	80	159	N N E	47	...	Do.
9	29.976	0.129	74.4	68.8	81.7	68.9	133.0	71.8	0.630	74	207	N by E	50	...	Do.
10	29.957	0.083	73.3	67.7	81.4	65.1	144.9	60.9	0.605	74	176	N by E	50	...	Do.
11	29.983	0.129	72.4	66.5	79.4	67.8	136.9	65.5	0.573	73	207	North	75	...	Cloudy.
12	29.953	0.105	70.8	65.6	79.8	66.1	142.3	63.0	0.562	75	239	N N W	73	...	Passing clouds.
13	29.857	0.113	71.6	65.4	77.1	67.1	131.3	64.9	0.545	72	411	N by W	78	0.11	Cloudy : rain.
14	29.900	0.083	71.2	70.4	83.4	66.0	128.7	65.3	0.734	96	254	NE by N	100	2.81	Stormy and rainy.
15	29.965	0.103	77.1	74.7	85.1	71.1	139.0	66.4	0.828	90	88	East	73	0.10	Cloudy : rain.
16	30.006	0.092	77.8	75.2	85.0	72.8	141.2	69.9	0.841	88	97	E by S	37	...	Passing clouds.
17	30.043	0.086	78.1	74.4	85.6	72.2	139.3	68.8	0.803	83	93	NE by E	42	...	Do.
18	30.070	0.106	77.9	74.3	85.1	73.0	138.9	69.7	0.801	84	172	NE by N	42	0.02	Do.
19	30.063	0.141	76.1	71.3	84.7	70.0	139.9	66.9	0.704	78	139	N E	50	...	Do.
20	30.057	0.091	74.1	68.9	83.0	66.0	140.7	60.7	0.638	75	110	NE by N	25	...	Fine.
21	30.030	0.143	74.1	70.5	83.4	66.2	144.4	62.9	0.700	83	128	NE by N	35	...	Passing clouds.
22	30.023	0.093	72.3	69.7	82.5	67.0	144.7	61.7	0.693	88	83	N N E	42	...	Do.
23	30.023	0.112	74.5	71.3	82.1	69.1	136.9	64.9	0.725	83	127	NE by N	57	...	Do.
24	30.004	0.085	74.7	70.4	82.7	68.4	138.5	63.0	0.687	79	165	N N E	30	...	Fine.
25	30.045	0.099	73.9	68.5	83.8	66.8	141.9	62.2	0.626	74	170	N N E	25	...	Do.
26	30.044	0.111	72.7	67.9	81.5	65.3	137.9	60.5	0.620	77	119	N N E	50	...	Passing clouds.
27	30.008	0.113	72.4	66.1	80.9	68.8	124.5	62.7	0.558	70	125	N by E	47	...	Do.
28	29.997	0.109	72.1	67.6	81.3	64.9	140.1	60.2	0.617	78	124	North	48	...	Do.
29	29.970	0.118	72.0	68.4	82.9	65.9	142.0	61.9	0.648	83	105	N by E	40	...	Do.
30	29.968	0.111	72.0	66.0	81.2	61.1	135.9	60.3	0.560	71	138	N by E	30	...	Fine.
31	29.979	0.093	73.1	69.0	81.5	67.0	137.1	62.8	0.655	81	140	N by E	27	...	Do.
Mean	29.989	0.105	74.8	70.5	82.8	69.1	136.3	66.0	0.695	80	167	N N E	53	7.69	

13th.—The disturbance at this time was due to a moderate cyclone which crossed the coast far to the south of Madras.

Madras Mean Monthly and Annual Meteorological Results in 1888.

	Barometer		Dry Bulb Thermometer				Wet Bulb		Tension of Vapour		Relative Humidity		Maximum Sun	Minimum on Grass	Wind		Rain		Clear Sky	
	Reduced to 32°	Daily Range	Mean	Max.	Min.	Range	Mean	Min.	By Blanford's Tables	Inches	Cents	Mean Direction			Amount	Days				
																	Inches			
January	30.022	0.104	74.7	84.2	67.7	16.5	70.0	66.5	0.673	79			140.1	63.3	113	5	N E by E	0.72	4	66
February	29.989	0.113	76.7	86.0	68.6	17.4	71.6	68.0	0.707	77			141.8	64.3	111	11	S E by E	...	...	78
March	29.919	0.117	79.9	88.9	72.2	16.7	74.6	71.4	0.788	77			143.1	68.7	135	13	S E by S	...	...	83
April	29.815	0.130	84.6	92.5	78.6	13.9	79.6	77.0	0.949	80			145.4	70.1	195	14	S S E	0.13	1	71
May	29.741	0.117	85.5	94.6	79.7	14.9	79.8	76.9	0.943	77			143.4	78.2	221	15	S by E	3.17	2	67
June	29.705	0.120	86.9	99.0	81.0	18.0	78.3	75.1	0.856	67			145.7	79.3	223	20	S W	1.93	8	49
July	29.743	0.122	84.0	95.5	78.2	17.3	77.2	74.1	0.846	73			141.4	76.9	182	19	S W by S	4.63	18	26
August	29.767	0.121	82.9	92.8	76.5	16.3	76.7	73.5	0.837	74			138.9	75.3	168	20	S W	8.09	16	39
September	29.801	0.124	83.4	94.4	76.9	17.5	77.7	74.4	0.873	76			147.2	75.1	141	17	S by W	2.32	12	54
October	29.875	0.118	80.6	88.6	75.0	13.6	76.6	73.8	0.864	83			134.4	72.9	130	3	N E by N	24.27	17	42
November	29.923	0.100	78.5	86.0	73.4	12.6	74.9	72.5	0.821	84			139.1	71.1	131	6	E N E	9.53	21	39
December	29.989	0.105	74.8	82.8	69.1	13.7	70.5	67.0	0.695	80			136.3	66.0	167	2	N N E	7.69	7	47
Annual	29.838	0.116	81.0	90.4	74.7	15.7	75.6	72.5	0.821	77			141.4	72.3	100	12	S E	62.48	106	55

Madras Extreme Monthly Meteorological Records in 1888.

	Barometer			Dry Bulb Thermometer			Wet Bulb		Humidity		Sun Thermometer		Grass Thermometer		Wind		Rain	
	Inches	Day	Inches	Day	Inches	Day	°	Day	Cents	Day	°	Day	°	Day	Miles	Highest	Miles	Day
January	30.140	7	29.879	27	0.267	28	62.3	18	47	21	147.2	20	57.4	18	222	9	57	6
February	30.190	3	29.833	15	0.357	26	63.5	8	52	8	147.2	24	58.5	8	162	17	66	...
March	30.086	14	29.755	25	0.331	16	68.4	5	47	25	149.3	7	64.0	22	211	31	75	...
April	30.010	22	29.628	30	0.382	24	72.2	3	56	26	152.1	23	68.8	3	277	26	79	14
May	29.886	15	29.561	31	0.325	21	75.6	11	45	20	152.6	31	73.3	11	278	11	137	12
June	29.809	13	29.567	1	0.242	2	76.1	11	39	14	153.8	13	74.1	27	267	14	172	15
July	29.865	3	29.585	11	0.280	4	72.5	18	41	11	151.3	6	72.0	18	255	6	75	22
August	29.905	25	29.600	7	0.305	10	71.4	1	48	31	147.4	22	69.8	1	210	1	114	1
September	29.994	22	29.603	15	0.391	27	69.4	4	46	5	154.3	10	68.6	4	250	17	76	4
October	30.086	11	29.464	31	0.572	3	70.9	22	56	12	151.5	2	68.5	23	661	31	37	31
November	30.053	25	29.645	1	0.408	9	67.0	20	52	17	152.2	10	62.9	22	431	1	31	24
December	30.144	19	29.808	13	0.336	1	61.1	30	51	27	144.9	10	60.2	28	411	13	83	4

Madras Meteorological Observations. 1889—January.

January 1889	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.							
									Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	30.004	0.101	74.9	69.5	83.7	63.1	137.0	57.8	0.650	75	174	N N E	27	...	Fine.
2	30.062	0.119	74.0	69.0	84.6	66.3	142.0	61.6	0.643	76	167	NE by N	15	...	Do.
3	30.042	0.138	73.0	68.6	83.2	64.9	139.1	60.2	0.641	79	123	NE by N	30	...	Passing clouds.
4	29.985	0.121	74.5	70.7	84.5	66.1	145.2	60.8	0.702	82	106	NE by N	18	...	Fine
5	29.999	0.114	75.1	71.5	84.8	66.3	141.0	62.7	0.725	84	116	NE by N	10	...	Do.
6	30.056	0.130	76.8	74.3	87.4	72.6	142.5	63.4	0.816	88	132	NE by N	70	0.04	Cloudy.
7	30.095	0.073	78.7	75.7	87.5	76.7	148.0	74.6	0.849	87	264	N E	85	0.01	Do.
8	30.088	0.093	76.4	71.9	84.6	72.3	142.7	69.6	0.723	79	154	NE by N	57	...	Passing clouds.
9	30.080	0.090	74.7	70.9	84.7	67.3	139.0	62.1	0.707	82	71	NE by E	33	...	Do.
10	30.055	0.101	74.2	70.5	84.7	65.5	142.4	60.6	0.698	83	74	E N E	25	...	Do.
11	30.025	0.143	72.9	68.7	84.2	68.1	143.5	63.6	0.646	80	69	E N E	25	...	Do.
12	29.986	0.131	71.7	68.3	82.9	62.7	135.2	58.4	0.647	83	54	E by N	20	...	Fine.
13	29.989	0.129	71.5	69.0	84.0	65.1	141.8	55.9	0.677	88	42	E by N	45	...	Passing clouds.
14	29.994	0.089	71.6	68.8	83.5	63.3	145.9	57.8	0.668	86	58	E by N	40	...	Do.
15	30.001	0.096	74.2	70.3	85.2	64.9	140.0	60.4	0.690	81	115	N E	35	...	Do.
16	30.003	0.083	75.7	71.2	84.3	67.3	144.3	63.1	0.703	79	154	N E	25	...	Fine.
17	30.028	0.069	75.5	71.8	85.4	67.3	144.2	62.3	0.731	83	132	NE by N	40	...	Passing clouds.
18	30.031	0.081	75.8	71.3	86.8	68.5	140.2	63.9	0.708	79	138	NE by N	40	...	Do.
19	30.023	0.133	75.4	71.1	85.3	69.2	144.7	65.1	0.705	80	168	NE by N	35	...	Do.
20	30.044	0.074	74.3	70.8	85.2	67.3	143.4	61.6	0.708	84	99	NE by N	25	...	Fine.
21	30.077	0.094	74.4	70.7	85.4	67.9	144.3	63.9	0.703	83	113	N E	20	...	Do.
22	30.054	0.149	74.4	71.4	85.4	66.1	142.5	60.6	0.730	86	71	N E	15	...	Do.
23	29.993	0.135	74.2	71.1	85.4	64.9	137.7	60.4	0.722	86	45	E by N	0	...	Clear.
24	29.990	0.147	73.4	70.2	84.3	65.9	139.5	60.6	0.692	85	77	E by S	10	...	Fine.
25	30.035	0.095	74.4	71.0	83.8	65.1	140.6	60.6	0.714	84	71	E N E	15	...	Do.
26	30.065	0.049	75.1	71.5	86.1	66.9	142.7	62.8	0.725	84	119	N E	5	...	Do.
27	30.069	0.098	75.0	71.5	85.8	67.3	143.7	62.6	0.726	84	117	N E	15	...	Do.
28	30.051	0.112	75.8	69.4	85.5	67.5	143.5	63.4	0.034	71	99	N E	25	...	Do.
29	29.987	0.101	74.3	69.2	84.4	65.1	144.3	59.6	0.647	76	62	E by N	17	...	Do.
30	29.975	0.128	76.2	72.2	87.5	66.8	148.5	63.8	0.737	82	73	E by S	5	...	Do.
31	29.956	0.130	77.0	73.3	86.7	65.6	149.3	60.4	0.771	83	109	E S E	10	...	Do.
Mean	30.027	0.108	74.7	70.8	85.1	66.9	142.5	62.1	0.704	82	109	NE by E	27	0.05	

Note.—From January 1st the hours of observation were changed to 8 A.M., 2 P.M., and 8 P.M.

Madras Meteorological Observations. 1889—February.

February 1889	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Cents	Cents	Inches	
1	29.952	0.083	77.3	73.9	89.4	68.3	142.7	64.6	0.792	84	101	E by N	25	...	Fine.
2	29.998	0.076	75.7	71.5	86.6	68.6	140.2	63.4	0.717	81	101	N E	15	...	Do.
3	30.020	0.111	75.7	72.3	86.1	67.8	142.6	63.3	0.748	84	46	E N E	20	...	Do.
4	30.018	0.113	75.0	71.2	86.4	67.9	143.6	61.8	0.714	82	55	East	30	...	Do.
5	30.019	0.107	76.0	71.7	85.9	67.2	142.6	63.2	0.720	80	75	E by S	25	...	Do.
6	30.009	0.112	76.2	71.1	86.0	68.7	142.0	64.4	0.695	77	72	East	25	...	Do.
7	30.021	0.118	76.7	71.3	87.2	68.2	144.0	64.6	0.695	76	123	E by N	25	...	Do.
8	30.019	0.129	76.4	70.7	85.9	66.5	140.2	67.0	0.676	74	94	E by N	20	...	Do.
9	30.034	0.097	73.5	69.8	85.4	65.9	146.1	60.4	0.680	82	61	E by N	22	...	Do.
10	30.020	0.147	75.1	71.6	86.0	64.6	140.0	60.6	0.729	84	66	E by S	0	...	Clear.
11	30.014	0.131	74.6	72.0	85.4	67.7	143.8	61.6	0.752	87	69	E S E	30	...	Passing clouds.
12	29.999	0.138	75.2	72.3	86.3	67.1	140.5	62.6	0.755	86	91	SE by E	20	...	Fine.
13	30.038	0.134	77.0	72.6	88.9	67.5	143.3	62.6	0.743	80	96	E S E	15	...	Do.
14	30.053	0.096	78.5	71.6	88.1	67.0	142.3	63.0	0.683	70	111	E by N	10	...	Do.
15	30.033	0.073	77.6	71.4	86.7	68.1	149.2	63.7	0.688	72	111	E N E	15	...	Do.
16	30.057	0.084	76.7	71.4	87.4	67.2	145.3	62.9	0.699	76	88	NE by E	25	...	Passing clouds.
17	30.000	0.112	76.5	70.4	86.0	66.6	143.2	62.7	0.663	73	83	E by N	15	...	Fine.
18	29.951	0.147	75.8	71.5	86.2	66.6	140.5	62.5	0.715	80	113	SE by E	0	...	Clear.
19	29.918	0.087	78.0	73.2	90.4	68.3	143.9	64.7	0.754	79	122	S S E	10	...	Fine.
20	29.938	0.076	79.2	74.3	88.6	70.9	146.4	67.2	0.784	78	107	SE by E	5	...	Do.
21	29.967	0.107	79.0	73.3	89.1	71.6	144.3	67.9	0.744	75	110	E N E	15	...	Do.
22	29.962	0.106	78.2	71.6	88.0	69.5	143.5	66.2	0.688	72	107	East	10	...	Do.
23	29.997	0.085	78.0	70.2	87.6	68.2	142.1	63.2	0.635	66	108	East	5	...	Do.
24	29.991	0.115	77.5	70.3	87.6	65.3	143.2	61.7	0.646	68	93	E by N	0	...	Clear.
25	29.986	0.119	79.7	73.9	89.3	71.3	151.3	68.9	0.760	75	146	E by N	15	...	Fine.
26	29.983	0.116	80.5	75.9	88.6	71.8	143.2	68.7	0.834	80	95	E S E	10	...	Do.
27	30.007	0.056	78.1	73.5	88.4	71.1	142.3	66.7	0.766	80	89	East	12	...	Do.
28	30.007	0.138	78.8	73.6	88.6	68.3	144.3	64.3	0.760	77	82	East	5	...	Do.
Mean	30.000	0.108	77.0	72.1	87.4	68.1	143.5	64.1	0.723	78	93	East	15	Nil.	

Madras Meteorological Observations. 1889—March.

March 1889	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	30.016	0.079	79.0	74.5	89.1	69.3	149.5	65.8	0.795	80	108	E by S	27	...	Passing clouds.
2	30.017	0.096	80.9	76.1	88.1	73.1	144.4	70.0	0.837	79	131	E S E	20	...	Fine.
3	30.052	0.055	81.3	75.8	89.4	73.3	149.6	70.3	0.819	77	127	SE by E	45	...	Passing clouds.
4	30.081	0.052	81.8	74.5	88.4	75.0	146.5	71.7	0.758	70	108	SE by E	63	...	Do.
5	30.087	0.068	81.4	74.6	90.1	70.4	146.3	66.8	0.766	72	97	E by N	32	...	Do.
6	30.069	0.079	79.9	73.6	90.0	70.1	143.1	65.8	0.744	73	77	E by N	5	...	Fine.
7	30.033	0.121	79.6	73.9	89.9	70.8	143.3	67.4	0.761	75	75	E by S	0	...	Clear.
8	30.006	0.112	78.2	72.3	90.1	70.1	146.2	67.5	0.715	74	83	SE by E	25	...	Fine.
9	29.988	0.099	79.5	72.1	90.6	69.4	147.1	66.8	0.689	69	84	East	28	...	Passing clouds.
10	29.985	0.103	78.2	71.8	88.3	68.9	144.5	65.0	0.695	73	112	E N E	22	...	Fine.
11	29.977	0.101	78.5	71.8	89.2	69.1	144.7	65.0	0.690	71	82	E N E	5	...	Do.
12	29.987	0.104	78.6	73.1	88.9	66.9	143.7	63.8	0.742	76	77	East	10	...	Do.
13	29.986	0.129	78.2	73.5	88.0	67.1	139.8	63.6	0.763	79	97	E S E	0	...	Clear.
14	29.979	0.153	79.2	73.9	88.7	70.1	141.1	66.2	0.767	77	96	SE by E	5	...	Fine.
15	29.986	0.148	78.0	73.8	87.6	70.4	141.0	67.7	0.779	81	79	S E	5	...	Do.
16	29.965	0.151	80.3	75.2	88.3	71.1	139.8	67.5	0.807	78	103	S E	7	...	Do.
17	29.979	0.079	81.1	75.9	89.7	72.1	143.3	68.9	0.826	78	116	SE by E	33	...	Passing clouds.
18	29.976	0.116	80.5	75.2	90.4	72.9	147.1	67.5	0.804	77	104	SE by E	32	...	Do.
19	29.963	0.135	81.1	75.4	91.2	72.0	145.9	68.8	0.805	75	132	SE by S	25	...	Fine.
20	29.920	0.122	80.1	75.4	90.6	73.5	145.5	70.9	0.818	79	145	S S E	70	...	Cloudy.
21	29.840	0.161	81.7	75.9	92.3	72.9	145.5	69.6	0.817	76	175	S S E	5	...	Fine.
22	29.848	0.126	81.9	76.8	89.3	74.0	141.5	70.9	0.855	79	165	S E	0	...	Clear.
23	29.885	0.116	82.2	75.2	90.9	73.2	142.8	70.9	0.781	71	148	SE by E	15	...	Fine.
24	29.895	0.111	83.1	77.6	91.0	77.1	142.9	75.2	0.874	77	176	SE by E	20	...	Do.
25	29.954	0.094	82.3	77.0	92.1	76.1	147.7	73.1	0.858	78	114	E S E	22	...	Do.
26	29.976	0.137	82.5	76.5	90.3	74.5	145.7	71.9	0.833	75	100	SE by E	5	...	Do.
27	29.876	0.190	82.2	77.1	89.7	73.1	141.2	73.0	0.864	79	121	S S E	15	...	Do.
28	29.846	0.165	83.6	79.4	96.7	77.1	147.7	74.3	0.949	82	211	S S E	25	...	Do.
29	29.860	0.093	84.5	80.3	91.9	79.6	141.3	76.9	0.978	82	205	SE by S	20	...	Do.
30	29.858	0.150	84.4	78.4	94.1	78.0	147.9	76.1	0.892	75	104	E by S	30	...	Passing clouds.
31	29.850	0.142	83.3	78.2	89.5	75.5	145.5	72.9	0.898	79	187	S S E	13	...	Fine.
Mean	29.959	0.116	80.9	75.3	90.1	72.5	144.6	69.4	0.806	76	121	SE by E	20	Nil.	

Madras Meteorological Observations. 1889—April.

April 1889	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.893	0.103	82.7	77.3	90.1	75.1	142.4	71.9	0.865	77	163	S E	25	...	Fine.
2	29.898	0.086	82.9	77.4	91.5	74.0	145.4	71.3	0.867	77	139	SE by E	17	...	Do.
3	29.876	0.086	83.2	78.6	93.0	75.6	148.3	73.5	0.918	80	117	SE by E	13	...	Do.
4	29.871	0.102	81.8	77.9	91.5	74.2	142.4	71.0	0.904	83	130	SE by S	12	...	Do.
5	29.886	0.056	80.3	76.6	90.1	70.3	140.4	66.2	0.867	84	112	SE by S	0	...	Clear.
6	29.900	0.116	82.3	77.1	91.2	73.3	142.0	71.1	0.862	78	134	SE by S	3	...	Fine.
7	29.859	0.157	82.8	77.7	91.3	74.1	143.0	70.9	0.883	79	146	SE by S	0	...	Clear.
8	29.817	0.134	84.1	79.5	92.4	77.9	146.1	75.9	0.947	81	184	S S E	25	...	Fine.
9	29.815	0.126	85.8	80.9	93.3	78.7	148.6	76.9	0.989	80	185	SE by S	15	...	Do.
10	29.867	0.111	85.4	80.7	90.4	79.8	139.0	77.9	0.985	81	139	SE by S	49	0.91	Passing clouds : th. : rain.
11	29.872	0.115	85.8	81.0	92.0	81.0	143.6	79.3	0.994	80	147	S E	45	...	Passing clouds.
12	29.851	0.131	84.9	80.3	92.2	78.5	141.6	76.9	0.975	81	141	S E	32	...	Do.
13	29.818	0.117	84.8	79.6	92.1	79.3	147.7	77.9	0.942	79	154	S S E	18	...	Fine.
14	29.819	0.099	84.5	78.6	91.7	78.1	143.2	76.9	0.899	76	162	SE by S	15	...	Do.
15	29.846	0.081	85.1	79.1	92.1	77.1	143.6	75.0	0.914	76	169	SE by S	17	...	Do.
16	29.829	0.107	84.6	79.0	92.6	78.1	143.6	76.0	0.917	77	189	S S E	17	...	Do.
17	29.829	0.088	84.2	79.8	92.3	77.1	143.8	74.8	0.959	81	177	S S E	25	...	Do.
18	29.865	0.087	84.3	78.9	92.1	77.0	143.6	74.8	0.916	77	153	S S E	15	...	Do.
19	29.885	0.081	84.2	80.5	92.3	78.4	148.6	77.2	0.992	84	149	S S E	77	...	Cloudy.
20	29.847	0.131	85.3	79.0	93.1	78.2	143.4	75.6	0.907	75	202	S S E	25	...	Fine.
21	29.788	0.160	84.3	80.4	95.1	78.2	146.5	76.1	0.986	83	176	S S E	34	...	Passing clouds.
22	29.793	0.116	85.4	81.0	94.2	71.7	149.1	70.8	0.990	81	213	S S E	40	...	Do.
23	29.821	0.099	87.4	82.0	93.1	79.9	146.6	77.8	1.021	78	181	SE by S	52	...	Passing clouds : lg.
24	29.867	0.045	82.6	79.5	87.7	79.3	140.4	77.8	0.968	87	107	E S E	85	0.96	Cloudy : th-storm between 9 & 10 A.M.
25	29.873	0.071	81.2	78.7	87.2	79.2	132.5	78.6	0.949	89	46	East	98	0.18	Overcast with light showers.
26	29.830	0.128	83.6	79.8	91.2	78.2	143.3	77.5	0.967	84	104	E S E	40	...	Passing clouds.
27	29.804	0.123	84.9	80.2	92.4	78.1	143.4	76.8	0.969	80	122	S E	45	...	Do.
28	29.742	0.146	85.7	79.3	93.5	78.4	142.6	77.0	0.916	74	183	S S E	27	...	Fine.
29	29.730	0.154	86.7	80.9	97.1	81.4	144.6	80.8	0.978	77	231	S by E	28	...	Passing clouds : lg.
30	29.727	0.084	87.3	81.4	99.3	81.3	144.4	80.2	0.993	76	140	S by E	47	...	Passing clouds.
Mean	29.837	0.108	84.3	79.4	92.3	77.4	143.8	75.5	0.942	80	153	SE by S	31	2.05	

Madras Meteorological Observations. 1889—May.

May 1889	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Humi- idity	Daily Velo- city	Mean Diree- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Points	Inches	
1	29.707	0.087	87.9	81.8	103.4	83.3	149.5	82.1	1.004	76	195	S by E	37	...	Passing clouds.
2	29.737	0.100	87.3	77.9	99.4	82.9	141.4	81.9	0.830	64	215	South	57	...	Do.
3	29.791	0.075	87.0	82.1	94.0	83.5	141.5	82.5	1.032	80	254	S by E	32	...	Do.
4	29.800	0.070	86.6	81.7	93.2	83.7	143.4	83.0	1.018	80	261	S S E	55	...	Passing clouds : lg.
5	29.820	0.055	85.9	80.9	93.0	82.5	141.6	81.5	0.989	80	221	S S E	65	...	Passing clouds.
6	29.853	0.068	85.6	81.4	92.1	79.5	143.4	77.5	1.016	82	139	SE by S	52	...	Do.
7	29.874	0.055	85.1	80.6	93.3	79.5	142.4	77.9	0.985	81	139	SE by S	55	...	Do.
8	29.869	0.102	85.6	80.9	93.2	78.7	144.5	77.1	0.993	81	161	SE by S	40	...	Do.
9	29.864	0.103	85.6	80.3	91.9	78.4	141.7	76.1	0.965	78	187	S S E	25	...	Fine.
10	29.831	0.123	86.1	80.5	93.8	81.5	143.4	79.9	0.967	78	244	S by E	35	...	Passing clouds.
11	29.809	0.141	86.3	81.2	93.2	80.7	142.5	79.1	0.998	80	244	S by E	10	...	Fine.
12	29.810	0.133	86.4	82.0	94.0	80.7	138.6	79.5	1.034	82	234	S S E	18	...	Do.
13	29.788	0.130	86.7	80.6	97.7	82.6	147.6	81.5	0.963	76	253	S S E	27	...	Passing clouds.
14	29.765	0.073	86.8	80.7	94.0	82.1	142.4	80.8	0.965	76	227	S S E	27	...	Do.
15	29.763	0.108	87.8	81.1	95.6	81.6	144.3	79.9	0.973	74	176	SE by S	17	...	Fine.
16	29.824	0.055	86.5	80.9	95.1	80.6	146.9	79.2	0.980	78	118	S E	60	...	Passing clouds.
17	29.825	0.107	86.7	80.0	95.3	81.0	143.5	79.6	0.935	74	145	SE by E	37	...	Do.
18	29.779	0.098	86.7	80.1	96.1	80.1	149.3	78.8	0.939	74	123	S E	40	...	Do.
19	29.731	0.100	87.3	81.5	96.9	80.0	147.5	78.4	0.999	78	167	S E	40	...	Do.
20	29.699	0.129	88.0	82.7	103.3	82.8	149.8	81.0	1.018	80	177	S by E	43	...	Do.
21	29.677	0.110	89.2	82.6	108.1	83.4	154.4	82.2	1.025	75	191	South	20	...	Fine.
22	29.690	0.139	88.7	81.2	107.7	83.0	154.7	82.0	0.966	71	208	South	70	0.01	Passing clouds. : th.
23	29.677	0.138	92.4	78.6	107.6	83.8	154.7	82.0	0.793	52	218	S S W	50	...	Passing clouds : lg.
24	29.688	0.225	89.3	81.8	102.2	82.5	152.3	81.6	0.986	71	238	W S W	62	...	Passing clouds.
25	29.706	0.122	89.4	82.5	104.9	84.4	151.9	83.0	1.018	73	219	S by W	28	...	Fine.
26	29.719	0.146	89.7	80.8	105.9	82.6	155.7	82.0	0.931	66	191	SW by S	67	...	Passing clouds.
27	29.717	0.134	87.3	80.6	101.2	83.6	149.7	82.2	0.955	74	183	S by E	28	...	Fine : lg.
28	29.722	0.069	87.0	79.7	94.4	80.4	145.6	79.0	0.917	72	154	S S E	50	...	Passing clouds.
29	29.739	0.092	87.8	81.8	93.9	83.0	143.8	82.2	1.006	76	229	S S E	30	...	Passing clouds : lg.
30	29.700	0.137	86.6	81.0	94.6	83.0	142.5	81.6	0.984	78	195	S S E	50	...	Passing clouds.
31	29.674	0.118	86.9	81.1	100.1	82.4	149.7	81.0	0.985	77	156	SE by S	27	...	Fine.
Mean	29.763	0.108	87.3	81.0	97.7	81.9	146.5	80.5	0.974	75	196	S by E	40	0.01	

Madras Meteorological Observations. 1889—June.

June 1889	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city.	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.682	0.118	90.9	79.1	103.3	83.9	149.2	83.0	0.837	57	169	South	75	...	Cloudy.
2	29.688	0.053	87.6	76.2	98.5	84.5	143.3	83.8	0.751	57	264	SW by S	77	...	Do.
3	29.671	0.150	89.5	76.7	100.2	84.7	148.9	83.1	0.748	53	235	S W	88	...	Do.
4	29.642	0.098	91.3	76.5	102.5	82.9	155.4	81.9	0.714	48	246	W S W	60	...	Passing clouds.
5	29.681	0.133	90.4	77.0	107.0	83.6	151.6	81.9	0.747	52	277	West	45	...	Passing clouds: lg.
6	29.670	0.145	91.0	77.8	106.7	83.6	163.7	81.4	0.776	54	210	W S W	42	...	Passing clouds: th. and lg.
7	29.622	0.160	90.9	77.8	106.3	84.2	157.7	82.9	0.778	54	228	SW by W	48	0.08	Do: do.
8	29.638	0.193	86.7	79.1	100.1	80.7	149.9	78.9	0.892	70	164	S W	97	0.02	Cloudy: th. and lg.
9	29.688	0.128	81.1	77.7	83.4	79.2	111.5	74.5	0.905	85	130	W N W	100	0.11	Overcast.
10	29.710	0.056	84.7	77.0	95.8	80.7	142.4	80.4	0.825	70	201	W S W	90	0.24	Cloudy: showers: th. and lg.
11	29.719	0.127	84.9	78.1	95.6	79.9	148.5	78.0	0.871	73	108	SE by E	78	...	Cloudy.
12	29.754	0.093	86.0	78.7	99.0	80.7	133.7	79.0	0.885	71	178	S W	90	...	Do.
13	29.786	0.124	86.4	79.2	99.0	78.7	145.3	77.9	0.902	72	233	SW by W	92	0.02	Cloudy: th. and lg.
14	29.773	0.165	85.4	78.1	99.9	78.2	146.1	77.5	0.865	71	235	S W	65	0.42	Cloudy: thunder storm at 8 P.M.
15	29.707	0.176	86.2	79.2	97.6	76.3	142.7	74.4	0.905	72	262	SW by S	60	...	Passing clouds.
16	29.661	0.159	85.7	77.1	100.4	81.0	143.5	79.9	0.817	66	261	SW by S	65	0.01	Passing clouds: lg.
17	29.673	0.067	86.0	78.5	99.5	78.7	148.5	77.9	0.875	70	234	S S W	47	...	Passing clouds.
18	29.668	0.092	88.1	79.1	101.6	80.8	150.6	79.9	0.874	66	257	SW by S	35	...	Do.
19	29.669	0.104	85.4	78.3	98.8	81.5	145.4	80.5	0.875	72	158	S S W	60	0.03	Do.
20	29.703	0.050	83.8	78.4	98.1	79.7	152.5	78.5	0.900	77	108	W N W	57	...	Passing clouds: th.
21	29.726	0.053	84.2	77.9	91.8	79.7	118.5	79.1	0.873	74	112	NE by N	100	...	Overcast.
22	29.719	0.085	86.2	76.4	98.3	77.7	146.6	75.9	0.779	62	203	W S W	65	...	Passing clouds.
23	29.754	0.096	86.2	75.6	90.9	82.7	113.1	81.9	0.744	60	169	West	100	...	Overcast.
24	29.729	0.102	85.3	75.9	96.7	81.6	139.5	79.4	0.768	63	161	W by S	100	...	Do.
25	29.714	0.080	86.5	75.5	93.3	81.9	125.0	80.7	0.735	58	172	W by N	100	...	Do.
26	29.694	0.074	86.6	76.5	93.4	83.9	121.7	82.9	0.778	62	169	W by S	98	...	Cloudy.
27	29.684	0.127	87.5	77.7	102.8	81.7	151.7	80.1	0.820	64	229	SW by S	60	0.01	Passing clouds.
28	29.707	0.124	86.2	78.7	99.6	82.2	146.5	80.9	0.880	70	241	SW by S	45	0.12	Passing clouds: showers: th. and lg.
29	29.762	0.069	83.8	78.6	94.5	77.9	147.5	74.9	0.911	78	134	S W	75	0.03	Cloudy: lg.
30	29.746	0.113	86.0	78.1	96.5	77.7	142.7	76.4	0.856	68	210	SW by S	40	...	Passing clouds: th. and lg.
Mean	29.701	0.110	86.7	77.7	98.4	81.0	142.8	79.6	0.830	66	199	S W	72	1.09	

Madras Meteorological Observations. 1889—July.

July 1889	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion.			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.716	0.118	85.1	77.4	99.9	77.7	146.6	76.7	0.837	69	212	SW by W	42	...	Passing clouds: lg.
2	29.698	0.122	87.3	78.4	99.3	80.2	142.4	79.0	0.852	65	217	S W	70	...	Cloudy: lg.
3	29.724	0.066	88.1	78.5	97.5	82.7	140.4	81.9	0.847	64	214	W S W	68	0.14	Cloudy: light shower and lg.
4	29.721	0.097	87.4	79.9	97.5	78.5	141.8	76.8	0.921	71	185	SW by S	57	...	Passing clouds: lg.
5	29.742	0.082	84.7	76.7	90.3	81.3	112.4	79.9	0.812	68	152	SW by S	100	...	Overcast: lg.
6	29.750	0.097	83.1	76.2	91.3	77.0	126.8	74.4	0.811	71	134	SW by W	100	0.01	Overcast.
7	29.714	0.120	82.6	78.3	94.4	76.3	153.4	74.4	0.912	82	198	S S W	78	0.09	Cloudy: lg.
8	29.727	0.061	82.7	77.5	90.9	79.2	142.4	78.7	0.875	78	153	S S W	90	0.08	Cloudy.
9	29.762	0.101	81.7	77.2	92.8	76.0	128.6	74.8	0.874	81	182	SW by S	95	0.05	Cloudy: lg.
10	29.722	0.075	84.6	78.4	94.1	76.5	130.9	75.2	0.889	74	196	S W	92	...	Cloudy.
11	29.706	0.058	82.9	77.6	91.8	77.2	119.1	75.9	0.877	78	125	West	100	...	Overcast: lg.
12	29.696	0.095	85.3	78.5	97.3	79.6	149.6	78.2	0.884	73	145	W by S	98	0.42	Overcast: rain.
13	29.653	0.070	80.3	77.4	85.6	74.3	113.9	72.6	0.902	87	156	SW by W	100	0.22	Overcast.
14	29.634	0.076	80.5	77.1	90.3	78.0	123.1	75.9	0.886	85	119	W S W	100	0.77	Overcast: thunderstorm about 7 P.M.
15	29.594	0.113	81.7	77.1	91.0	75.3	131.0	73.6	0.870	81	132	West	100	0.60	Overcast: rain and lg.
16	29.589	0.128	83.7	76.1	91.8	75.8	139.6	73.4	0.800	69	201	W by S	92	...	Cloudy.
17	29.560	0.169	87.4	76.3	97.4	79.8	147.9	78.9	0.758	58	245	West	88	...	Do.
18	29.583	0.130	89.0	76.4	97.2	80.1	151.6	79.1	0.741	54	264	W S W	53	...	Passing clouds.
19	29.647	0.116	89.2	75.4	97.7	81.9	150.4	81.0	0.695	50	264	W by S	65	...	Do.
20	29.700	0.072	87.2	75.7	94.2	82.8	140.2	81.6	0.735	57	243	W S W	90	...	Cloudy.
21	29.719	0.126	87.2	78.1	99.3	80.9	147.8	79.2	0.810	65	185	SW by S	30	...	Passing clouds.
22	29.732	0.132	85.8	79.0	98.2	81.1	144.6	79.2	0.900	73	151	S S E	42	0.02	Passing clouds: lg.
23	29.721	0.156	84.7	79.4	99.5	79.9	151.0	79.0	0.934	78	210	S by W	35	...	Passing clouds.
24	29.741	0.069	82.4	77.1	89.2	76.6	125.8	75.2	0.861	78	225	SW by W	75	0.16	Overcast: rain.
25	29.758	0.052	83.0	77.6	93.8	78.9	142.4	78.0	0.875	78	152	S W	95	...	Cloudy.
26	29.720	0.086	81.2	75.6	98.2	76.2	152.0	75.6	0.812	77	172	W S W	65	0.01	Passing clouds.
27	29.686	0.093	82.7	75.7	98.5	78.2	149.8	77.2	0.795	71	164	S S W	82	1.32	{ Cloudy: moderate thunderstorm 1.45 to 5.45 P.M.
28	29.686	0.086	82.5	78.9	91.4	79.2	144.5	78.6	0.941	85	151	S S E	55	0.26	Passing clouds.
29	29.712	0.099	80.8	77.8	90.2	74.1	143.2	73.0	0.914	87	115	SW by W	80	1.30	{ Cloudy: thunderstorm till 3.30 A.M. and after 9 P.M.
30	29.702	0.096	82.4	78.5	92.8	76.8	140.3	75.8	0.923	83	141	S by W	70	0.12	Passing clouds: rain.
31	29.710	0.088	84.8	79.8	93.4	80.0	143.0	79.0	0.951	79	185	S S E	28	...	Fine with passing clouds.
Mean	29.694	0.098	84.3	77.5	94.4	78.5	139.2	77.2	0.856	73	180	S W	75	5.57	

Madras Meteorological Observations. 1889—August.

August 1889	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.702	0.114	82.7	78.7	94.4	76.5	144.3	75.5	0.928	82	169	S W	67	0.02	Cloudy: lg.
2	29.701	0.102	82.5	78.2	90.5	75.5	142.2	74.3	0.909	81	157	W by S	75	0.21	Cloudy: thunderstorm.
3	29.696	0.155	84.2	78.1	93.6	76.9	145.1	75.5	0.881	75	201	W by S	70	...	Cloudy.
4	29.657	0.142	85.2	78.5	96.2	78.8	143.7	76.9	0.886	72	169	S S W	53	...	Passing clouds.
5	29.613	0.125	85.3	76.4	95.2	78.7	144.5	77.3	0.790	64	181	SW by S	70	...	Cloudy.
6	29.588	0.130	85.3	76.2	95.0	78.7	140.5	77.5	0.782	64	208	S W	90	...	Overcast.
7	29.654	0.082	85.5	77.5	93.1	78.9	144.1	77.9	0.837	68	223	S W	87	0.03	Do.
8	29.735	0.146	85.3	78.4	98.0	78.0	153.7	75.9	0.880	72	186	W by S	93	0.40	Overcast: thunderstorm at 10-15 P.M.
9	29.730	0.120	83.6	77.6	90.1	78.3	122.4	76.5	0.867	75	128	W N W	97	...	Overcast.
10	29.729	0.120	83.0	77.9	91.0	76.7	118.9	76.3	0.889	78	114	SW by W	95	0.01	Do.
11	29.741	0.104	85.0	78.0	93.0	78.7	125.9	77.7	0.866	72	168	S S W	68	...	Passing clouds.
12	29.779	0.095	82.5	77.5	90.8	78.7	117.1	77.9	0.878	79	88	NW by W	100	...	Overcast: lg.
13	29.739	0.138	82.0	77.6	90.0	76.9	126.9	75.5	0.888	81	103	NW by W	97	0.02	Overcast.
14	29.700	0.100	83.3	77.0	93.8	79.2	136.9	76.9	0.844	74	150	West	98	0.08	Do.
15	29.735	0.118	85.7	77.0	93.7	78.7	141.4	77.5	0.811	65	207	W S W	85	...	Cloudy.
16	29.740	0.116	85.8	77.7	95.3	79.7	144.9	78.5	0.841	68	205	W S W	75	...	Do.
17	29.737	0.110	86.6	78.7	97.0	80.6	148.1	79.5	0.875	69	203	S W	80	...	Do.
18	29.737	0.105	85.5	78.3	98.1	79.7	151.1	78.1	0.873	72	233	S S W	58	1.92	(Passing clouds: two thunderstorms about 5-15 and 9 P.M.
19	29.791	0.084	80.8	78.7	93.6	72.9	143.2	72.9	0.954	91	180	S W	85	0.01	Cloudy: lg.
20	29.816	0.116	81.7	77.3	89.7	76.5	131.7	75.1	0.878	81	176	SW by S	95	0.03	Cloudy.
21	29.798	0.163	81.4	76.8	89.3	73.9	136.4	73.1	0.861	81	184	S W	97	0.10	Overcast: lg.
22	29.768	0.110	80.0	75.6	90.2	72.8	150.9	72.1	0.827	80	137	SW by W	90	0.66	Cloudy: rain: lg.
23	29.742	0.142	82.3	77.3	92.3	74.8	142.3	73.5	0.871	79	179	SW by W	87	0.26	Cloudy: rain.
24	29.720	0.152	84.0	76.9	93.7	74.0	144.4	73.1	0.821	71	188	SW by W	53	0.09	Passing clouds with rain.
25	29.697	0.122	83.0	75.6	90.9	77.0	139.5	75.9	0.787	69	236	SW by W	67	0.11	Passing clouds.
26	29.704	0.087	84.0	77.8	93.5	75.9	140.9	74.9	0.870	75	144	S W	58	0.17	Passing clouds: lg.
27	29.709	0.102	83.8	77.7	94.0	75.7	149.1	74.9	0.869	75	171	S S W	65	...	Fine with passing clouds.
28	29.735	0.091	83.6	77.9	94.3	76.9	152.4	76.1	0.878	76	182	S S W	27	0.01	Fine.
29	29.801	0.094	81.3	78.4	91.0	73.6	148.7	72.9	0.934	87	115	SW by S	60	0.23	Thunder shower 2-15 A.M.: fine day.
30	29.804	0.117	83.7	79.2	92.7	78.7	145.6	77.5	0.940	81	144	South	30	...	Fine: lg.
31	29.831	0.116	82.6	77.5	90.9	74.3	149.1	72.9	0.875	79	191	S S W	33	...	Fine.
Mean	29.730	0.117	83.6	77.6	93.1	77.0	140.8	75.8	0.867	75	172	SW by W	74	4.36	

Madras Meteorological Observations. 1889—September.

September 1889	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.806	0.136	82.4	78.6	93.7	79.0	147.3	78.1	0.928	84	187	S by W	52	...	Passing clouds.
2	29.802	0.160	80.6	76.8	86.2	76.7	135.6	76.3	0.872	81	159	S by W	83	0.12	Cloudy: rain.
3	29.847	0.094	80.6	77.0	90.1	77.6	143.6	76.4	0.881	85	136	S by E	80	...	Cloudy.
4	29.861	0.118	82.4	78.2	89.6	77.3	147.8	75.4	0.911	82	172	S by E	50	...	Passing clouds.
5	29.845	0.168	82.3	76.8	93.1	77.0	150.3	75.6	0.849	77	216	South	22	...	Chiefly fine.
6	29.827	0.142	82.4	77.8	91.8	77.9	143.2	76.1	0.892	81	135	S S E	45	0.26	{ Fine with passing clouds: thunder- showers about midnight.
7	29.799	0.167	79.6	78.2	90.2	73.2	143.1	72.7	0.947	93	134	S by W	70	0.21	Passing clouds: thundershowers.
8	29.796	0.129	82.2	78.1	90.3	77.0	140.0	75.1	0.908	83	135	S by E	35	...	Fine with passing clouds.
9	29.803	0.133	83.4	79.2	92.6	78.0	148.4	75.9	0.943	83	142	S by E	25	...	Passing clouds: fine night.
10	29.776	0.101	83.6	78.9	90.1	78.6	141.4	76.6	0.926	81	124	S E	15	...	Fine.
11	29.751	0.167	83.1	78.8	91.2	77.1	155.2	74.9	0.928	82	116	E by S	53	...	Cloudy day: fine night.
12	29.750	0.108	83.8	80.5	92.6	76.6	145.0	75.4	0.998	86	110	E by S	30	...	Light clouds: fine night.
13	29.748	0.133	84.2	79.8	92.9	78.0	148.0	76.6	0.960	82	122	East	35	...	Fine with passing clouds.
14	29.741	0.110	79.2	77.5	88.0	76.1	145.5	75.4	0.922	93	73	E S E	75	0.71	Cloudy day: fine night: rain.
15	29.723	0.140	80.6	78.2	88.6	78.5	141.4	77.4	0.934	89	59	NE by E	80	0.01	Cloudy.
16	29.695	0.129	79.6	78.5	88.3	77.0	143.7	75.5	0.961	96	56	S E	75	0.45	Cloudy: rainy.
17	29.651	0.112	80.3	76.8	84.7	77.1	103.6	76.1	0.876	85	142	W S W	97	0.01	Overcast.
18	29.624	0.137	81.5	76.9	90.2	79.0	140.8	76.8	0.864	81	203	West	98	0.01	Do.
19	29.626	0.117	85.3	76.8	93.1	77.5	144.4	76.3	0.808	66	213	W by S	90	...	Do.
20	29.664	0.116	85.0	77.2	95.4	78.1	148.4	76.1	0.830	69	228	SW by W	55	...	Passing clouds.
21	29.740	0.124	84.3	78.1	92.0	79.7	136.2	78.0	0.879	75	131	S S W	60	...	Do.
22	29.751	0.139	84.0	79.1	96.0	78.9	158.6	76.8	0.929	79	151	S by E	55	...	Do.
23	29.744	0.100	78.3	77.3	85.1	73.0	101.0	72.8	0.925	95	100	S W	90	3.39	{ Cloudy: thunderstorms 2.30 to 5 A.M. and at 10 P.M.
24	29.718	0.124	80.1	76.4	88.8	72.8	151.0	71.1	0.861	85	126	SW by S	80	0.69	Passing clouds: rain.
25	29.735	0.139	80.6	77.8	90.8	73.3	143.6	72.5	0.916	88	88	W S W	85	...	Cloudy.
26	29.749	0.095	82.2	78.1	89.3	76.5	124.4	75.0	0.907	83	101	W S W	85	...	Do.
27	29.757	0.125	82.2	78.5	91.9	77.5	146.8	76.5	0.926	85	135	S S W	65	...	Passing clouds.
28	29.766	0.119	82.5	78.4	92.3	77.0	146.2	76.0	0.917	83	104	W S W	75	...	Cloudy.
29	29.768	0.110	82.7	78.7	91.8	78.6	145.2	77.6	0.928	83	116	W by S	75	...	Do.
30	29.817	0.118	82.3	76.5	91.2	78.7	135.9	76.3	0.836	76	76	NW by W	80	...	Do.
Mean	29.756	0.127	82.0	78.0	90.7	77.1	141.5	75.7	0.905	83	133	S by W	64	5.86	

Madras Meteorological Observations, 1889—October.

October 1889	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.842	0.131	83.1	78.6	93.3	77.9	154.7	76.5	0.919	81	91	SW by S	60	...	Passing clouds.
2	29.868	0.143	82.4	78.4	90.8	76.4	151.7	74.4	0.918	83	89	South	52	0.38	Passing clouds and shower.
3	29.840	0.123	82.5	79.1	90.2	76.3	150.1	74.7	0.949	85	68	SE by S	50	...	Passing clouds.
4	29.799	0.110	79.8	76.8	88.6	78.0	150.3	76.9	0.883	87	100	South	65	...	Do.
5	29.790	0.134	81.2	76.9	91.2	73.1	158.6	71.3	0.868	83	114	South	38	...	Fine with passing clouds.
6	29.814	0.147	83.3	78.5	92.1	78.1	154.7	76.5	0.912	80	86	SE by S	20	...	Fine.
7	29.793	0.115	82.6	78.8	89.4	75.3	147.2	73.9	0.935	84	79	S S E	22	0.60	Passing clouds : rain.
8	29.790	0.134	83.6	79.4	91.3	77.5	150.7	75.9	0.948	82	128	S S E	37	...	Fine with passing clouds.
9	29.793	0.149	83.4	79.2	92.8	78.0	146.7	76.5	0.943	82	115	South	18	...	Fine.
10	29.800	0.110	83.2	78.2	91.2	76.9	145.5	76.1	0.899	79	99	S by E	22	...	Do.
11	29.805	0.088	83.7	78.8	91.1	77.9	151.2	75.9	0.920	79	104	SE by E	18	...	Do.
12	29.790	0.135	83.0	78.9	92.0	77.0	149.9	75.1	0.934	83	98	East	48	0.16	Passing clouds : shower.
13	29.768	0.073	77.7	76.5	82.9	76.3	123.3	75.9	0.898	94	80	North	90	1.09	Overcast : rain and th.
14	29.725	0.095	77.7	76.7	84.2	76.9	134.3	76.7	0.907	95	96	NW by N	100	0.84	Overcast and rainy : th. and lg.
15	29.719	0.070	74.5	73.5	76.1	73.5	85.3	72.9	0.814	95	196	NW by W	100	4.30	Overcast.
16	29.689	0.092	80.6	77.0	87.0	72.7	141.0	72.9	0.881	85	232	S by W	70	0.62	Cloudy.
17	29.701	0.106	81.9	77.7	87.0	77.7	145.5	76.7	0.894	82	251	South	58	...	Passing clouds.
18	29.698	0.123	82.4	79.0	88.9	78.6	147.7	77.5	0.946	85	251	South	52	...	Do.
19	29.737	0.103	82.8	79.1	91.1	77.7	151.0	76.9	0.945	84	174	South	43	...	Cloudy day : fine night.
20	29.783	0.154	82.9	78.7	91.0	77.8	150.4	76.8	0.925	82	164	S by W	17	...	Fine.
21	29.782	0.133	83.5	78.4	91.7	78.7	150.5	77.7	0.905	79	143	SW by S	72	...	Cloudy.
22	29.770	0.106	82.0	77.2	87.7	77.8	120.5	76.9	0.870	80	117	W S W	97	...	Overcast.
23	29.762	0.124	81.4	74.6	90.2	76.5	145.2	75.1	0.766	71	114	W N W	50	...	Cloudy : fine night.
24	29.806	0.100	78.9	73.3	89.8	70.7	147.6	66.7	0.745	76	117	NW by W	30	...	Passing clouds : fine night.
25	29.866	0.114	78.6	72.1	89.9	68.3	144.7	65.1	0.702	72	121	N W	25	...	Passing clouds.
26	29.861	0.120	78.1	71.2	89.8	68.5	146.2	64.1	0.671	70	103	NW by N	10	...	Clear.
27	29.865	0.099	77.5	68.9	88.6	65.7	147.0	61.9	0.592	63	107	N N W	12	...	Do.
28	29.895	0.136	75.4	68.2	89.2	62.1	146.6	57.9	0.595	68	103	North	20	...	Fine.
29	29.916	0.147	79.3	73.6	89.6	66.0	145.0	62.9	0.753	75	96	North	12	...	Do.
30	29.907	0.128	80.8	76.7	88.9	73.8	147.0	71.3	0.865	83	96	N E	50	...	Fine with passing clouds.
31	29.914	0.133	79.3	76.5	88.0	73.7	148.5	71.7	0.876	88	72	N E	78	0.08	Cloudy.
Mean	29.803	0.118	80.9	76.5	89.2	74.7	144.4	72.9	0.857	82	123	W S W	46	7.47	

Madras Meteorological Observations. 1889—November.

November 1889	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.902	0.129	80.1	76.5	89.9	73.5	149.2	70.8	0.866	85	83	N E	57	...	Passing clouds.
2	29.878	0.139	79.5	75.0	87.9	74.0	148.2	71.7	0.809	80	112	NE by N	60	0.15	Passing clouds: shower.
3	29.875	0.111	79.3	71.9	87.2	70.5	150.2	67.1	0.683	68	148	NE by N	25	...	Fine.
4	29.897	0.114	79.4	73.6	88.3	71.5	144.1	67.9	0.752	75	124	N N E	35	...	Passing clouds.
5	29.914	0.105	78.5	74.8	87.8	73.4	144.2	70.5	0.813	83	102	NE by E	33	0.13	Fine: passing clouds.
6	29.907	0.147	78.9	75.5	89.3	68.0	147.1	65.9	0.838	85	89	NE by E	20	...	Fine.
7	29.884	0.129	78.4	72.5	88.3	72.8	144.4	69.7	0.720	71	127	NE by N	42	...	Light clouds.
8	29.892	0.136	76.2	69.4	87.3	66.8	145.4	63.7	0.629	70	130	North	38	...	Do.
9	29.898	0.074	76.6	69.8	86.7	65.2	143.3	61.7	0.638	70	159	North	27	...	Fine morning: cloudy after.
10	29.883	0.109	78.8	72.8	85.3	73.5	144.2	72.7	0.726	74	162	N by E	78	...	Cloudy.
11	29.911	0.082	78.8	70.9	88.0	73.8	150.1	70.7	0.651	66	177	N by E	60	...	Passing clouds.
12	29.904	0.121	79.4	74.0	87.5	71.0	148.0	68.7	0.768	76	186	N by E	17	...	Fine.
13	29.880	0.104	78.1	72.7	86.5	70.8	141.8	68.7	0.732	76	173	N by E	30	...	Passing clouds.
14	29.870	0.110	77.2	73.5	85.2	71.9	133.4	70.7	0.776	83	189	North	78	...	Cloudy.
15	29.900	0.106	79.2	76.0	88.9	73.0	145.2	72.0	0.856	86	142	N by E	70	0.33	Passing clouds: rain.
16	29.859	0.109	79.9	76.9	84.8	76.6	134.9	75.6	0.886	87	216	N N E	90	1.75	Overcast with rain.
17	29.750	0.136	74.9	73.5	76.5	73.9	83.0	72.9	0.808	93	213	N by W	100	2.33	Overcast.
18	29.724	0.116	77.8	74.1	83.0	72.8	128.1	72.5	0.794	83	246	NW by N	82	0.16	Day cloudy: night fine.
19	29.735	0.121	78.9	71.3	87.8	73.1	139.1	70.7	0.666	68	138	W N W	40	...	Fine with passing clouds.
20	29.762	0.145	77.8	72.1	86.0	68.8	137.5	65.7	0.711	75	108	W N W	23	...	Fine.
21	29.767	0.100	78.3	73.7	88.3	72.9	147.2	70.8	0.771	80	107	W N W	67	0.20	Passing clouds: rain.
22	29.803	0.098	77.5	73.4	86.4	71.8	141.5	69.7	0.769	82	54	E S E	75	...	Cloudy.
23	29.844	0.088	77.3	74.6	84.4	74.0	147.5	72.7	0.822	88	82	S S E	55	0.03	Passing clouds: fine night.
24	29.873	0.101	79.5	75.4	86.6	73.3	144.0	70.9	0.827	82	92	E S E	40	...	Fine with passing clouds.
25	29.893	0.122	79.1	75.3	87.8	72.7	141.1	69.8	0.827	83	79	NE by E	40	...	Passing clouds: clear night.
26	29.918	0.111	77.6	75.1	89.0	70.1	148.8	66.8	0.839	89	92	N E	21	...	Fine.
27	29.925	0.134	74.8	69.5	85.6	68.2	140.1	64.7	0.652	76	130	N by E	3	...	Clear.
28	29.945	0.090	74.1	69.2	84.9	63.3	140.2	59.9	0.649	76	97	N by E	40	...	Fine with passing clouds.
29	29.943	0.115	74.7	69.5	84.4	66.9	140.5	64.0	0.652	76	144	N by E	15	...	Fine.
30	29.926	0.119	72.3	68.3	84.4	62.9	145.5	58.7	0.640	81	149	N by E	7	...	Do.
Mean	29.869	0.114	77.8	73.0	86.5	71.0	141.3	68.6	0.752	79	135	N N E	46	5.08	

Madras Meteorological Observations. 1889—December.

December 1889	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.910	0.119	73.0	70.8	86.2	61.9	142.6	57.9	0.726	90	152	N by E	20	...	Fine.
2	29.943	0.080	76.2	71.7	87.4	68.9	145.4	65.9	0.718	79	158	N by E	40	...	Fine with passing clouds.
3	29.967	0.070	75.6	72.2	86.8	68.0	145.2	64.9	0.745	84	142	N N E	25	...	Do.
4	29.963	0.115	75.9	71.4	86.6	68.1	142.6	65.7	0.710	79	146	N N E	25	...	Do.
5	29.926	0.132	75.7	71.2	83.8	68.0	134.6	64.9	0.705	79	147	N by E	25	...	Do.
6	29.939	0.124	76.9	72.7	85.9	67.5	145.3	63.9	0.749	82	133	North	57	...	Passing clouds.
7	30.008	0.086	75.5	71.1	84.6	69.9	145.6	68.7	0.704	79	182	North	60	...	Do.
8	29.975	0.095	76.6	72.2	87.0	69.3	148.6	66.9	0.732	80	161	N N E	50	...	Do.
9	29.920	0.134	75.3	71.1	86.5	66.5	143.6	63.3	0.707	80	130	N N E	30	...	Fine with passing clouds.
10	29.918	0.077	75.8	69.8	84.6	67.0	143.6	63.7	0.649	73	180	N N E	25	...	Do.
11	29.955	0.089	74.2	68.7	85.6	64.3	145.4	60.9	0.629	74	173	N N E	25	...	Do.
12	30.003	0.095	73.3	67.7	83.6	68.0	146.9	64.8	0.605	74	203	North	58	...	Cloudy: fine night.
13	29.990	0.105	74.5	68.2	83.7	66.0	139.5	63.9	0.608	71	200	North	30	...	Fine with passing clouds.
14	29.990	0.106	74.4	68.3	84.7	66.9	142.8	63.9	0.612	72	184	N by E	55	...	Cloudy.
15	30.002	0.105	74.9	68.5	84.9	67.1	143.4	64.8	0.612	71	238	North	52	...	Do.
16	29.970	0.122	75.3	69.3	83.2	71.8	149.0	69.6	0.637	72	269	N by W	80	...	Do.
17	29.912	0.114	73.0	70.8	75.8	69.9	81.9	68.4	0.725	89	240	North	100	1.14	Overcast and rainy.
18	29.960	0.051	74.3	72.5	79.2	73.3	91.6	71.8	0.776	91	168	NE by E	100	5.07	Overcast.
19	29.998	0.112	73.3	72.7	80.2	72.8	131.7	71.8	0.798	97	140	E by N	92	3.35	Do.
20	29.950	0.101	74.0	70.9	81.0	68.9	137.5	65.8	0.716	86	140	N N E	35	...	Passing clouds.
21	29.942	0.109	73.8	70.0	81.2	67.1	132.6	64.7	0.684	82	174	N by E	20	...	Fine.
22	29.943	0.108	73.5	69.0	82.2	68.0	138.8	64.8	0.650	79	211	North	40	...	Passing clouds.
23	29.892	0.116	75.6	67.8	81.4	69.8	129.6	67.9	0.577	65	233	N by W	90	...	Cloudy.
24	29.835	0.101	75.0	69.1	79.8	72.7	114.7	70.8	0.633	72	162	NW by N	93	...	Overcast.
25	29.851	0.157	78.4	72.0	86.2	70.8	138.2	67.9	0.700	72	107	NW by N	80	...	Cloudy.
26	29.838	0.150	74.6	73.4	81.4	74.0	134.6	72.3	0.808	94	154	W by S	100	1.28	Overcast: showers.
27	29.965	0.095	74.8	73.3	80.6	70.3	141.0	69.8	0.801	93	139	S S E	95	0.85	Overcast and rainy.
28	29.978	0.120	77.4	75.0	85.2	71.2	143.3	69.7	0.837	89	120	E by N	45	...	Passing clouds.
29	29.967	0.139	77.9	75.3	85.2	72.9	141.7	71.5	0.843	89	122	N E	40	0.02	Do.
30	29.971	0.116	77.6	74.5	84.7	73.7	142.3	70.8	0.813	86	146	E N E	55	0.14	Do.
31	29.956	0.106	74.8	70.6	84.2	69.6	139.3	66.4	0.694	79	121	NE by N	25	...	Fine with passing clouds.
Mean	29.946	0.106	75.2	71.0	83.7	69.2	136.9	66.7	0.707	81	167	N N E	54	11.85	

Madras Mean Monthly and Annual Meteorological Results in 1889.

	Barometer		Dry Bulb Thermometer			Wet Bulb		Tension of Vapour	Relative Humidity		Maximum Sun	Minimum on Grass	Wind		Rain		Clear Sky
	Reduced to 32°	Daily Range	Mean	Max.	Min.	Range	Mean	Min.	By Blandford's Tables	Cent's	°	°	Daily Velocity	Mean Direction	Amount	Days	
	Inches	Inches	°	°	°	°	°	°	Inches	Cent's	°	°	Miles	Points	Points	No.	Cent's
January.....	30.027	0.108	74.7	85.1	66.9	18.2	70.8	°	0.704	82	142.5	62.1	109	5 N E by E	0.05	2	73
February.....	30.000	0.108	77.0	87.4	68.1	19.3	72.1	°	0.723	78	143.5	64.1	93	8 East	...	...	85
March.....	29.959	0.116	80.9	90.1	72.5	17.6	75.3	°	0.806	76	144.6	69.4	121	11 S E by E	...	...	80
April.....	29.837	0.108	84.3	92.3	77.4	14.9	79.4	°	0.942	80	143.8	75.5	153	13 S E by S	2.05	3	69
May.....	29.763	0.108	87.3	97.7	81.9	15.8	81.0	°	0.974	75	146.5	80.5	196	15 S by E	0.01	1	60
June.....	29.701	0.110	86.7	98.4	81.0	17.4	77.7	°	0.830	66	142.8	79.6	199	20 S W	1.09	11	28
July.....	29.694	0.098	84.3	94.4	78.5	15.9	77.5	°	0.856	73	139.2	77.2	180	20 S W	5.57	16	25
August.....	29.730	0.117	83.6	93.1	77.0	16.1	77.6	°	0.867	75	140.8	75.8	172	21 S W by W	4.36	18	26
September.....	29.756	0.127	82.0	90.7	77.1	13.6	78.0	°	0.905	83	141.5	75.7	133	17 S by W	5.86	10	36
October.....	29.803	0.118	80.9	89.2	74.7	14.5	76.5	°	0.857	82	144.4	72.9	123	22 W S W	7.47	8	54
November.....	29.869	0.114	77.8	86.5	71.0	15.5	73.0	°	0.752	79	141.3	68.6	135	2 N N E	5.08	8	54
December.....	29.946	0.106	75.2	83.7	69.2	14.5	71.0	°	0.707	81	136.9	66.7	167	2 N N E	11.85	7	46
Annual.....	29.840	0.112	81.2	90.7	74.6	16.1	75.8	°	0.827	78	142.3	72.3	148	13 S E by S	43.39	84	53

Madras Extreme Monthly Meteorological Records in 1889.

	Barometer			Dry Bulb Thermometer			Wet Bulb		Humidity		Sun Thermometer		Grass Thermometer		Wind			Rain			
	Highest		Lowest	Range		Lowest		Lowest		Lowest		Highest		Lowest		Highest		Lowest		Greatest Fall	
	Inches	Day	Inches	Day	Inches	°	Day	°	Day	Cents	Day	°	Day	°	Day	Miles	Day	Miles	Day	Inches	Day
January ...	30.121	8	29.917	31	0.204	87.5	30	62.7	12	55	28	149.3	31	55.9	13	264	7	42	13	0.04	6
February...	30.088	14	29.806	19	0.192	90.4	19	64.6	10	47	14	149.2	15	60.4	9	146	25	46	3	...	...
March.....	30.109	5	29.802	28	0.307	96.7	28	67.1	13	47	9	149.6	3	63.6	13	211	28	75	7	...	...
April.....	29.942	1	29.691	29	0.251	99.3	30	70.3	5	59	30	149.1	22	66.2	5	231	29	46	25	0.96	24
May.....	29.909	9	29.635	24	0.274	108.1	21	78.4	9	26	23	155.7	26	76.1	9	261	4	118	16	0.01	22
June.....	29.837	13	29.565	7	0.272	107.0	5	76.3	15	31	6	163.7	6	74.4	15	277	5	108	11	0.42	14
July.....	29.787	9	29.512	17	0.275	99.9	1	74.1	29	40	19	153.4	7	72.6	13	264	19	115	29	1.32	27
August.....	29.880	31	29.544	6	0.336	98.0	8	72.9	19	47	5	153.7	8	72.1	22	236	25	103	13	1.92	18
September	29.904	4	29.568	18	0.336	93.7	1	72.8	24	53	19	158.6	22	71.1	24	228	20	59	15	3.29	23
October....	29.973	29	29.652	16	0.321	93.3	1	62.1	28	32	28	155.6	5	57.9	28	251	18	68	3	4.30	15
November.	29.990	29	29.670	18	0.320	89.9	1	62.9	30	41	8	150.2	3	59.9	28	246	18	54	22	2.33	17
December.	30.040	12	29.799	26	0.241	87.4	2	61.9	1	51	11	149.0	16	57.9	1	269	16	107	25	5.07	18

Madras Meteorological Observations. 1890—January.

January 1890.	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.919	0.139	72.4	67.9	83.3	63.4	137.6	56.8	0.624	78	104	NE by N	7	...	Fine.
2	29.967	0.070	72.1	67.7	82.9	61.8	137.8	58.3	0.620	78	76	NE by N	17	...	Do.
3	29.973	0.077	71.7	68.1	83.3	62.6	137.8	59.2	0.641	83	85	N N E	3	...	Do.
4	29.950	0.124	72.8	68.6	82.9	63.8	139.4	60.8	0.644	80	98	NE by N	2	...	Do.
5	29.945	0.109	73.6	68.2	83.9	65.6	147.4	63.0	0.619	74	92	N E	27	...	Fine morning : cloudy afternoon.
6	29.976	0.097	77.1	70.1	84.6	65.9	138.5	63.2	0.643	69	170	N E	30	...	Do. : do.
7	29.998	0.088	72.9	70.3	75.5	71.8	89.8	71.6	0.708	88	144	N by E	100	0.14	Overcast with light showers.
8	29.967	0.100	74.5	71.1	82.7	70.8	142.1	71.0	0.717	84	195	N N E	70	0.21	Cloudy : showers.
9	29.988	0.093	72.9	68.7	82.1	63.0	136.2	60.2	0.647	80	148	N N E	10	...	Fine.
10	29.956	0.112	72.8	69.4	83.7	65.0	141.7	62.2	0.674	83	124	N N E	28	...	Fine with passing clouds.
11	29.935	0.098	73.2	68.4	82.9	64.3	139.7	61.0	0.632	77	153	N N E	13	...	Fine.
12	29.939	0.076	74.7	69.6	82.8	66.4	139.8	63.6	0.657	77	177	NE by N	25	...	Fine with passing clouds.
13	29.960	0.105	76.1	69.4	83.3	66.9	139.8	64.0	0.630	70	200	N E	40	...	Passing clouds.
14	29.946	0.075	77.2	69.3	83.7	72.8	140.8	70.2	0.612	65	252	NE by N	28	...	Do.
15	29.952	0.086	76.3	69.2	84.3	66.6	138.2	62.6	0.620	69	196	N E	42	...	Do.
16	29.974	0.091	73.8	69.6	85.2	65.9	140.6	62.4	0.668	80	131	NE by N	45	...	Do.
17	29.981	0.075	73.5	69.8	84.7	65.9	139.9	62.2	0.679	82	121	N E	48	...	Do.
18	29.992	0.098	73.9	70.1	84.5	65.1	140.6	62.0	0.687	82	141	NE by N	42	...	Do.
19	29.952	0.069	73.3	70.1	84.2	66.1	140.0	63.0	0.695	85	110	NE by N	18	...	Fine.
20	29.902	0.100	71.8	69.1	84.2	62.9	137.5	58.4	0.677	87	100	NE by E	10	...	Do.
21	29.916	0.074	73.5	69.7	87.4	64.1	140.6	60.8	0.677	82	71	E N E	8	...	Do.
22	29.925	0.122	73.6	70.5	84.6	64.1	139.6	61.0	0.707	86	80	E by N	32	...	Passing clouds.
23	29.908	0.113	72.5	69.4	85.9	66.3	143.8	63.0	0.679	85	83	E S E	55	...	Do.
24	29.869	0.170	73.7	71.0	88.9	64.1	143.5	61.0	0.724	87	123	SE by S	20	...	Fine.
25	29.835	0.143	75.3	72.3	87.4	68.0	141.6	66.0	0.754	86	118	SE by S	38	...	Passing clouds.
26	29.888	0.077	75.2	72.1	85.6	69.0	145.8	66.4	0.748	86	106	NE by E	50	...	Do.
27	29.893	0.105	76.9	71.1	85.3	68.3	146.4	66.2	0.685	74	160	NE by N	30	...	Do.
28	29.936	0.034	75.8	69.4	85.6	65.9	140.3	63.0	0.634	71	162	N E	32	...	Do.
29	29.975	0.083	75.5	69.4	85.1	67.1	142.8	64.2	0.639	72	223	NE by N	23	...	Fine.
30	30.003	0.076	75.7	69.4	85.1	67.7	139.0	66.2	0.636	71	227	N N E	22	...	Do.
31	30.022	0.088	75.8	70.0	85.2	68.1	140.4	66.0	0.657	74	187	NE by N	10	...	Do.
Mean	29.947	0.096	74.2	69.6	84.2	66.1	139.0	63.2	0.666	79	141	N E	30	0.35	

Madras Meteorological Observations. 1890—February.

February 1890	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	30.060	0.057	74.8	68.5	86.1	65.1	138.8	62.1	0.614	71	135	NE by N	10	...	Fine.
2	30.090	0.079	74.1	68.1	85.0	63.7	137.7	60.1	0.608	72	129	NE by N	8	...	Do.
3	30.090	0.113	73.3	67.2	85.2	62.9	140.0	59.9	0.587	72	131	N N E	2	...	Do.
4	30.017	0.116	73.3	69.3	85.2	61.7	140.4	58.1	0.664	81	91	N E	0	...	Clear.
5	30.010	0.075	75.1	70.4	85.4	65.1	141.0	62.3	0.682	78	103	NE by E	15	...	Fine.
6	30.042	0.083	75.3	71.6	86.7	67.5	142.3	64.3	0.726	84	82	E N E	12	...	Do.
7	30.009	0.132	74.7	71.2	86.2	66.5	140.5	62.9	0.718	84	68	E N E	5	...	Do.
8	30.026	0.106	74.3	70.9	86.8	64.5	139.8	61.3	0.712	84	66	E by N	0	...	Clear.
9	30.040	0.072	74.6	71.0	87.2	64.7	142.7	61.7	0.712	84	96	NE by E	25	...	Fine.
10	30.035	0.093	75.8	71.7	87.1	66.3	145.2	63.1	0.723	82	108	NE by N	30	...	Passing clouds.
11	30.008	0.100	76.4	72.2	86.4	67.9	144.5	64.9	0.735	81	164	NE by N	37	...	Do.
12	29.998	0.079	78.9	72.6	87.3	69.1	140.5	66.9	0.718	73	148	N E	35	...	Do.
13	29.965	0.128	76.9	70.2	87.0	67.1	141.5	64.1	0.650	70	167	NE by N	18	...	Fine.
14	29.948	0.154	75.6	70.8	86.8	63.7	142.5	60.9	0.690	78	125	N E	13	...	Do.
15	29.849	0.141	74.3	69.2	88.1	64.0	143.7	61.1	0.647	76	87	NE by E	10	...	Do.
16	29.819	0.094	74.1	69.9	89.0	64.0	142.1	60.9	0.676	81	75	East	0	...	Clear.
17	29.831	0.089	75.1	72.3	86.7	62.8	142.5	58.9	0.757	88	103	S E	0	...	Do.
18	29.893	0.090	77.1	72.9	88.1	67.9	141.7	64.9	0.754	81	109	SE by S	15	...	Fine.
19	29.915	0.111	76.1	72.9	86.1	65.4	139.7	62.7	0.767	85	92	SE by E	15	...	Do.
20	29.937	0.084	77.0	73.3	88.0	67.3	141.6	64.4	0.771	83	84	E by S	0	...	Clear.
21	29.937	0.136	76.8	72.2	92.6	67.0	146.7	63.9	0.730	79	93	E N E	0	...	Do.
22	29.940	0.050	77.8	73.6	91.0	65.0	145.3	62.1	0.773	81	83	E N E	5	...	Fine.
23	29.947	0.106	78.7	74.7	88.8	68.9	144.7	66.5	0.807	82	81	E by N	32	...	Passing clouds.
24	29.946	0.117	78.7	74.8	89.0	69.2	145.3	66.5	0.811	82	105	E by N	5	...	Fine.
25	29.935	0.124	77.6	73.0	87.1	67.2	141.7	63.9	0.752	80	98	East	0	...	Clear.
26	29.925	0.116	77.8	73.6	88.2	68.4	143.6	65.9	0.773	82	93	E by S	0	...	Do.
27	29.950	0.121	76.9	73.3	86.2	66.2	141.5	62.9	0.773	84	93	E by S	30	...	Passing clouds.
28	29.936	0.164	78.6	73.9	88.4	69.3	144.1	67.1	0.775	79	121	SE by E	8	...	Fine.
Mean	29.968	0.105	76.1	71.6	87.3	66.0	142.2	63.0	0.718	80	105	E N E	12	Nil.	

Madras Meteorological Observations. 1890—March.

March 1890	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	-Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.920	0.106	78.2	73.4	86.6	69.0	149.2	66.2	0.760	79	90	E S E	35	...	Passing clouds.
2	29.953	0.060	78.5	73.6	88.0	69.0	145.7	66.8	0.764	78	136	E S E	40	...	Do.
3	29.974	0.100	81.1	74.7	88.0	75.2	146.8	73.0	0.774	73	157	E by S	48	...	Do.
4	29.989	0.096	81.3	75.7	88.5	75.5	145.5	73.8	0.815	77	161	E by S	62	...	Do.
5	29.972	0.108	80.0	74.4	89.1	72.8	150.6	70.2	0.778	76	127	SE by E	58	...	Do.
6	29.939	0.118	80.9	75.1	87.9	74.4	143.5	73.6	0.794	75	147	SE by E	62	...	Do.
7	29.916	0.097	80.3	74.4	88.5	73.0	144.8	71.2	0.772	74	117	E S E	48	...	Do.
8	29.908	0.101	80.1	74.2	87.7	72.2	141.9	71.0	0.767	74	164	SE by E	35	...	Do.
9	29.900	0.125	80.5	75.5	88.3	74.0	147.2	72.0	0.817	78	181	SE by S	12	...	Fine.
10	29.871	0.120	81.0	75.8	89.1	75.0	143.7	73.4	0.825	78	158	SE by S	43	...	Passing clouds.
11	29.828	0.119	81.3	74.9	89.1	73.2	143.9	71.0	0.780	73	160	SE by S	25	...	Do.
12	29.837	0.082	81.6	75.6	88.9	73.1	150.1	71.0	0.806	75	169	SE by S	10	...	Fine.
13	29.832	0.105	80.2	74.9	88.1	72.6	141.7	70.0	0.794	77	159	SE by S	5	...	Do.
14	29.798	0.186	80.4	75.9	95.3	74.0	149.6	72.2	0.835	80	226	S by E	10	...	Do.
15	29.785	0.125	83.3	77.4	91.6	78.0	143.7	77.0	0.861	75	258	S by E	10	...	Do.
16	29.804	0.122	84.2	77.2	91.8	79.8	146.8	79.1	0.840	72	265	S S E	42	...	Passing clouds.
17	29.809	0.126	82.6	77.2	90.2	79.8	143.8	79.1	0.862	77	272	S S E	55	...	Do.
18	29.801	0.113	82.1	76.0	89.7	76.2	143.9	74.3	0.817	75	225	SE by S	30	...	Do.
19	29.858	0.069	81.9	75.5	89.5	74.0	145.6	71.9	0.798	73	126	SE by E	32	...	Do.
20	29.859	0.084	80.4	74.6	90.2	71.2	148.8	69.3	0.780	75	108	SE by E	15	...	Fine.
21	29.823	0.099	80.4	75.6	90.2	71.5	144.8	69.3	0.822	79	112	SE by E	0	...	Clear.
22	29.805	0.132	81.2	75.8	91.4	72.0	145.7	69.3	0.819	77	127	S E	10	...	Fine.
23	29.791	0.144	82.3	78.2	92.4	73.2	145.0	71.7	0.911	83	158	SE by S	12	...	Do.
24	29.809	0.152	82.3	77.2	92.2	74.2	149.8	72.3	0.867	79	165	S S E	18	...	Do.
25	29.795	0.133	82.9	77.4	92.7	74.0	144.8	71.7	0.866	77	172	S S E	0	...	Clear.
26	29.805	0.140	83.1	78.7	95.6	76.1	146.7	75.1	0.922	81	195	S S E	10	...	Fine.
27	29.824	0.107	83.1	78.8	91.7	75.0	143.7	72.3	0.928	82	190	S S E	10	...	Do.
28	29.835	0.126	83.1	78.4	93.2	75.2	144.0	73.3	0.910	80	182	S S E	15	...	Do.
29	29.855	0.122	83.7	77.6	93.2	78.0	145.0	77.1	0.866	75	150	S S E	30	...	Passing clouds.
30	29.853	0.122	82.8	78.7	95.4	76.2	147.6	74.1	0.927	83	157	S S E	27	...	Do.
31	29.851	0.152	82.6	76.7	95.2	76.0	145.0	74.1	0.840	75	160	S by E	47	...	Do.
Mean	29.858	0.116	81.5	76.1	90.6	74.3	145.8	72.5	0.830	77	167	SE by S	28	Nil.	

Madras Meteorological Observations. 1890—April.

April 1890	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.815	0.177	81.7	77.7	94.0	77.3	133.8	76.1	0.897	83	166	South	70	...	Cloudy.
2	29.812	0.091	83.0	78.1	94.6	76.0	140.6	73.3	0.897	79	179	S S E	40	...	Passing clouds.
3	29.837	0.089	82.4	77.9	91.7	76.5	140.3	75.1	0.896	81	179	S S E	35	...	Do.
4	29.854	0.107	82.6	77.9	90.4	76.2	139.6	74.1	0.894	80	152	S by E	17	...	Fine.
5	29.861	0.179	82.7	77.4	90.9	75.7	140.8	73.5	0.870	78	158	SE by S	8	...	Do.
6	29.892	0.109	83.4	77.3	92.5	75.2	142.8	73.1	0.856	75	136	S E	2	...	Do.
7	29.921	0.090	83.2	77.9	93.2	75.2	143.8	73.1	0.886	78	118	E S E	10	...	Do.
8	29.927	0.140	83.8	78.1	94.5	76.8	147.6	74.3	0.886	77	102	E S E	15	...	Do.
9	29.897	0.128	83.0	77.5	92.3	75.2	139.8	73.1	0.871	77	128	SE by S	15	...	Do.
10	29.875	0.133	83.6	78.4	92.1	74.2	141.0	72.0	0.903	77	153	S by E	8	...	Do.
11	29.816	0.162	83.7	78.0	92.3	76.3	140.8	74.5	0.883	76	190	SE by S	5	...	Do.
12	29.821	0.115	83.4	77.3	91.2	77.1	141.3	75.1	0.856	75	157	SE by S	20	...	Do.
13	29.858	0.139	83.7	78.6	91.6	75.1	141.8	73.8	0.911	79	127	S E	30	...	Passing clouds.
14	29.800	0.154	83.8	78.7	92.2	76.5	145.7	75.1	0.914	79	166	SE by S	30	...	Do.
15	29.799	0.129	84.7	79.2	93.5	79.2	142.8	77.3	0.925	77	165	SE by S	18	...	Fine.
16	29.772	0.175	85.1	78.8	97.8	79.0	149.4	77.1	0.901	75	136	S S E	27	...	Passing clouds.
17	29.736	0.194	84.0	79.1	92.6	77.4	142.8	75.2	0.929	79	160	S E	23	...	Fine.
18	29.772	0.145	84.4	77.2	96.0	77.2	145.4	76.2	0.838	71	97	E by N	37	...	Passing clouds : th. and lg.
19	29.830	0.064	83.8	78.3	93.9	77.6	141.8	76.0	0.896	77	125	SE by E	30	...	Passing clouds : lg.
20	29.841	0.133	85.4	78.0	93.2	78.4	141.3	77.0	0.860	70	150	S E	20	...	Fine.
21	29.791	0.120	84.3	78.2	92.5	78.4	141.8	76.7	0.884	75	170	SE by S	15	...	Fine : lg.
22	29.762	0.103	85.3	77.7	94.3	79.5	145.6	77.8	0.849	70	185	S S E	21	...	Do. : do.
23	29.771	0.106	84.4	79.1	93.0	79.4	142.6	77.0	0.924	78	227	SE by S	18	...	Fine.
24	29.751	0.175	84.9	79.8	99.6	81.4	153.2	80.0	0.950	79	259	S by E	17	...	Fine : lg.
25	29.729	0.132	85.5	79.5	98.3	81.2	149.8	80.0	0.927	76	231	S by E	25	...	Passing clouds : lg.
26	29.766	0.136	85.5	77.7	97.4	78.8	148.4	78.0	0.846	67	145	South	43	0.17	Passing clouds : th.-storm at 9.30 P.M.
27	29.785	0.139	84.0	79.1	95.0	77.4	140.8	74.2	0.929	79	91	S S E	65	...	Cloudy.
28	29.780	0.099	85.0	78.7	94.5	79.7	142.1	78.0	0.897	75	124	SE by E	25	...	Fine.
29	29.788	0.155	84.8	78.9	95.0	78.5	145.6	76.2	0.909	76	142	SE by S	15	...	Do.
30	29.809	0.133	84.3	78.6	94.5	77.3	139.7	75.1	0.902	77	104	SE by S	45	...	Passing clouds.
Mean	29.816	0.132	84.0	78.3	93.8	77.5	143.1	75.6	0.893	77	154	SE by S	25	0.17	

Madras Meteorological Observations. 1890—May.

May 1890	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.763	0.145	84.4	78.3	94.7	76.3	112.2	74.9	0.888	75	151	SE by S	35	...	Passing clouds.
2	29.687	0.135	85.2	80.0	97.5	80.4	141.6	80.1	0.955	79	221	S by E	25	...	Fine.
3	29.644	0.088	86.7	78.1	104.9	80.4	147.8	79.7	0.847	67	176	South	20	...	Do.
4	29.689	0.065	87.1	81.5	104.1	82.3	147.8	82.4	1.002	78	188	South	20	...	Do.
5	29.716	0.084	87.0	80.3	94.5	82.4	141.0	82.5	0.946	72	179	South	10	...	Do.
6	29.644	0.141	88.0	82.2	99.1	81.2	145.8	81.3	1.023	76	153	SE by S	10	...	Do.
7	29.581	0.123	88.9	79.9	108.3	82.3	154.8	81.9	0.900	65	195	S by E	15	...	Fine: lg.
8	29.609	0.078	89.0	80.4	108.0	84.1	152.0	83.5	0.923	70	234	S S W	30	...	Passing clouds: lg.
9	29.666	0.086	89.5	80.3	109.0	83.0	151.8	82.3	0.911	65	184	S by W	25	...	Passing clouds.
10	29.704	0.078	88.6	79.6	107.3	82.4	156.7	81.5	0.890	66	183	South	25	...	Do.
11	29.722	0.100	88.1	81.1	107.1	83.0	152.2	82.3	0.963	73	197	S by W	18	...	Fine.
12	29.720	0.122	87.2	81.7	105.2	82.2	153.4	81.3	1.010	78	222	S by E	17	...	Do.
13	29.751	0.090	86.6	81.2	102.6	82.0	148.2	80.3	0.993	78	196	S by E	2	...	Do.
14	29.779	0.120	85.4	80.7	96.9	80.4	144.1	79.9	0.985	81	236	S by E	10	...	Fine: lg.
15	29.767	0.117	84.7	80.8	91.7	80.6	141.5	80.5	0.999	83	278	S S E	25	...	Passing clouds: th. and lg.
16	29.735	0.074	81.9	78.1	93.9	79.5	142.5	79.0	0.871	72	183	S S E	32	...	Passing clouds.
17	29.725	0.102	85.4	80.3	92.3	80.5	139.6	79.8	0.967	79	224	S S E	27	...	Do.
18	29.730	0.101	85.5	81.5	92.9	80.5	140.3	80.2	1.023	81	226	S S E	25	...	Do.
19	29.730	0.068	86.2	79.9	95.0	81.3	142.8	81.2	0.937	74	212	South	32	...	Do.
20	29.714	0.121	85.5	81.5	99.1	80.9	147.6	80.7	1.023	82	233	S S E	28	...	Passing clouds: lg.
21	29.719	0.106	86.6	79.3	99.5	81.5	146.8	80.8	0.904	70	183	S S E	13	...	Fine: lg.
22	29.717	0.127	85.7	79.1	97.6	81.0	145.6	80.8	0.906	74	198	SE by S	23	...	Do.: do.
23	29.729	0.141	86.8	80.1	99.2	81.5	147.0	81.2	0.938	73	195	S S E	40	...	Passing clouds.
24	29.706	0.139	86.6	81.4	104.9	81.7	152.8	81.6	1.003	77	204	South	22	...	Fine.
25	29.680	0.124	89.5	79.9	106.5	83.7	154.8	83.6	0.893	65	235	S by W	20	...	Do.
26	29.692	0.116	88.5	81.0	105.8	84.5	152.0	83.8	0.958	71	246	S S W	10	...	Do.
27	29.684	0.130	90.3	80.5	106.2	85.3	150.8	84.6	0.908	63	224	S by W	10	...	Do.
28	29.656	0.119	91.7	82.0	103.1	85.5	147.6	85.4	0.963	65	271	SW by S	18	...	Fine: thunderstorm.
29	29.671	0.121	91.4	75.9	105.0	81.5	142.3	81.2	0.686	46	232	SW by W	40	...	Passing clouds.
30	29.730	0.140	87.7	78.1	103.2	85.3	149.7	84.8	0.834	64	281	SW by S	40	...	Do.
31	29.661	0.187	91.7	78.9	106.1	84.7	150.8	84.6	0.816	54	309	W S W	42	...	Passing clouds: thunderstorm.
Mean	29.701	0.113	87.4	80.1	101.3	82.0	147.5	81.5	0.931	72	215	South	23	Nil.	

Madras Meteorological Observations. 1890—June.

June 1890	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather		
	Mean	Range			Dry		Snn	Grass									
			Dry	Wet					Max.	Min.	Max.	Min.				Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches			
1	29.667	0.169	91.1	79.4	103.5	85.8	149.9	84.3	0.847	58	269	SW by W	50	...	Passing clouds.		
2	29.703	0.126	88.1	78.5	103.3	84.5	148.0	83.8	0.847	61	263	SW by S	55	...	Passing clouds : thunderstorm.		
3	29.705	0.081	83.7	78.4	99.2	83.1	133.6	82.5	0.902	77	224	S by W	82	...	Cloudy.		
4	29.709	0.122	88.1	78.5	99.3	83.0	139.9	82.3	0.847	64	177	SW by S	70	...	Passing clouds : thunderstorm.		
5	29.661	0.135	87.7	77.5	101.0	81.8	145.7	80.1	0.807	62	194	SW by S	50	...	Passing clouds : lg.		
6	29.649	0.118	89.4	77.8	103.3	82.7	157.1	82.0	0.798	58	191	S S W	48	...	Do. : do.		
7	29.660	0.100	87.2	77.7	95.8	82.0	127.1	81.1	0.823	64	180	SW by S	80	...	Cloudy.		
8	29.642	0.145	86.1	78.3	101.9	81.7	143.3	81.1	0.865	69	181	SW by S	72	1.14	Cloudy : thunderstorm 4 to 6 P.M.		
9	29.635	0.122	84.5	78.2	95.6	78.8	140.8	76.1	0.881	74	149	SW by S	58	...	Passing clouds.		
10	29.631	0.127	84.5	79.4	97.9	79.6	141.5	78.9	0.937	79	135	S S W	47	...	Passing clouds : thunderstorm.		
11	29.656	0.090	83.9	78.4	91.0	80.7	117.1	78.1	0.809	77	166	S by E	78	0.04	Cloudy : lg.		
12	29.698	0.090	83.6	79.3	91.3	77.8	143.9	77.1	0.944	82	204	South	50	...	Passing clouds : lg.		
13	29.718	0.157	82.7	77.0	99.3	78.3	149.1	76.8	0.852	76	157	S by W	50	0.69	{ Passing clouds : thunderstorm about 7 P.M.		
14	29.674	0.198	84.5	78.5	98.5	78.4	142.3	77.7	0.895	76	140	SW by S	67	1.16	{ Cloudy : rainy : thunderstorm about 5-30 P.M.		
15	29.663	0.111	80.7	77.1	88.8	73.8	124.9	72.5	0.884	85	137	S W	100	1.26	Overcast : rain.		
16	29.656	0.086	82.6	76.5	87.7	78.5	111.6	77.0	0.832	75	138	SW by S	100	...	Overcast : lg.		
17	29.673	0.115	82.7	77.0	90.2	79.8	124.0	79.1	0.852	76	160	SW by S	100	0.09	Overcast : thunderstorm.		
18	29.663	0.090	83.8	75.5	90.1	78.6	122.6	78.0	0.773	67	203	W S W	90	0.14	Cloudy.		
19	29.679	0.146	81.8	76.0	95.8	75.5	139.1	73.2	0.821	76	157	W S W	90	0.08	Do.		
20	29.714	0.086	84.6	76.1	95.4	78.8	146.8	78.0	0.787	66	162	SW by W	75	...	Do.		
21	29.757	0.157	85.8	75.4	98.4	78.6	140.0	76.9	0.741	59	172	S S W	52	...	Passing clouds.		
22	29.726	0.154	83.4	77.4	96.4	78.7	141.2	77.9	0.861	75	203	South	35	...	Do.		
23	29.701	0.088	83.2	78.3	94.0	81.6	140.3	81.1	0.904	79	167	South	53	...	Do.		
24	29.731	0.104	84.3	78.0	95.6	73.7	138.1	73.1	0.875	74	190	S S W	62	0.01	Do.		
25	29.751	0.107	84.0	78.7	96.8	79.3	143.8	78.2	0.911	78	161	S by W	40	...	Passing clouds : thunderstorm.		
26	29.767	0.140	79.9	76.2	91.6	72.1	136.8	71.3	0.855	84	165	S W	63	1.16	Cloudy : thunderstorm 3-4.5 to 8 P.M.		
27	29.739	0.127	83.4	76.8	95.6	76.7	137.8	76.1	0.834	73	213	SW by W	55	0.01	Passing clouds : lg.		
28	29.759	0.052	80.5	76.7	87.9	73.6	116.8	73.1	0.869	84	169	S W	83	0.29	Cloudy : rain.		
29	29.752	0.064	82.5	76.8	89.7	77.5	120.0	76.1	0.846	76	111	S W	85	...	Cloudy.		
30	29.679	0.148	84.0	76.5	92.1	78.8	139.2	77.3	0.813	70	218	W by S	67	...	Do.		
Mean	29.694	0.119	84.4	77.5	95.6	79.1	136.7	78.0	0.833	73	179	SW by S	67	6.07			

Madras Meteorological Observations. 1890—July.

July 1890	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.672	0.079	83.5	75.6	92.2	78.6	127.9	77.8	0.781	68	194	W by S	97	...	Overcast.
2	29.750	0.022	83.3	75.1	94.0	75.8	136.7	73.0	0.762	66	188	S W	82	...	Cloudy.
3	29.817	0.113	85.2	76.8	96.1	77.4	140.1	75.6	0.800	66	177	SW by S	10	...	Fine.
4	29.797	0.122	84.0	77.4	96.2	78.7	143.1	77.2	0.852	73	131	S by E	63	0.03	Passing clouds.
5	29.786	0.132	84.5	76.9	95.8	79.6	140.6	78.6	0.824	70	132	South	52	...	Do.
6	29.752	0.126	84.6	77.9	93.8	79.9	121.4	79.1	0.866	72	138	SW by S	68	0.18	Cloudy : lg.
7	29.757	0.094	81.4	78.1	91.6	73.6	130.5	72.1	0.919	86	142	S by W	98	...	Overcast.
8	29.784	0.075	82.8	76.7	90.0	79.2	118.5	78.2	0.838	75	125	S S W	90	...	Cloudy.
9	29.759	0.133	84.4	76.1	94.2	78.0	128.8	76.2	0.790	67	152	S W	58	...	Passing clouds.
10	29.746	0.122	85.5	76.7	94.4	80.4	139.5	79.2	0.802	65	182	S W	60	...	Passing clouds : lg.
11	29.761	0.111	84.9	75.8	93.2	79.8	138.9	79.0	0.770	64	207	S W	70	...	Do. do.
12	29.730	0.178	86.0	76.6	98.9	78.0	147.2	76.4	0.790	63	179	S W	37	...	Passing clouds.
13	29.707	0.153	86.4	78.7	99.2	78.8	145.5	78.2	0.878	70	184	S W	45	...	Do.
14	29.729	0.153	81.2	76.8	92.7	75.4	140.5	75.3	0.863	81	247	SW by S	83	...	Cloudy : lg.
15	29.743	0.112	84.1	76.9	94.3	75.0	142.9	74.1	0.829	71	156	W S W	67	0.29	Cloudy : rainy : lg.
16	29.728	0.114	80.7	77.1	94.6	73.1	139.7	72.9	0.884	85	159	W by S	75	0.80	Cloudy : thunderstorm 5-15 P.M.
17	29.672	0.122	82.8	77.7	93.1	73.7	142.7	72.9	0.883	79	190	SW by S	45	0.08	Passing clouds : lg.
18	29.675	0.070	84.1	77.4	93.1	77.8	136.5	76.2	0.850	73	146	SW by W	82	0.12	Cloudy : rain.
19	29.694	0.061	82.4	74.6	91.1	76.3	125.7	74.4	0.753	68	145	W S W	90	0.08	Cloudy : lg.
20	29.687	0.139	81.6	76.4	87.7	76.5	118.7	74.5	0.841	78	162	SW by S	97	0.42	Overcast : rain : lg.
21	29.674	0.118	81.9	75.6	91.3	74.3	139.4	72.9	0.801	74	176	S W	88	0.01	Cloudy.
22	29.688	0.126	81.4	75.9	93.0	77.1	143.0	74.4	0.822	77	169	SW by S	75	1.83	Cloudy : thunderstorm from 6-15 P.M.
23	29.717	0.113	81.2	77.7	87.4	74.3	117.5	73.4	0.904	85	128	S S W	95	0.06	Overcast.
24	29.756	0.082	82.4	76.8	88.9	76.3	128.7	74.9	0.848	77	114	S S W	80	...	Cloudy.
25	29.756	0.125	83.4	76.9	94.1	75.7	143.9	74.4	0.837	73	159	S S W	50	...	Passing clouds : lg.
26	29.748	0.133	82.3	76.2	94.6	75.8	142.7	73.4	0.824	75	163	S S W	60	2.04	{ Passing clouds : heavy thunder- storm after 10-30 P.M.
27	29.796	0.051	78.4	75.9	87.1	72.9	127.7	72.1	0.862	89	108	S W	95	0.47	Cloudy : rain : lg.
28	29.808	0.087	81.4	76.3	90.2	73.2	137.9	72.4	0.839	78	149	SW by S	57	...	Passing clouds.
29	29.781	0.089	83.0	77.1	93.1	75.9	137.9	74.9	0.852	75	138	S W	53	...	Do.
30	29.774	0.110	79.8	75.9	89.6	75.3	123.7	74.2	0.844	83	82	W S W	98	0.89	Overcast : rain.
31	29.783	0.094	78.3	74.4	87.1	72.4	128.7	71.7	0.799	82	167	W S W	100	0.03	Overcast.
Mean	29.743	0.108	82.8	76.6	92.7	76.4	134.7	75.1	0.833	74	157	S W	72	7.38	

Madras Meteorological Observations. 1890—August.

August 1890	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
	Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles				Points	Cents	Inches
1	29.770	0.129	80.3	73.5	88.3	75.7	139.7	73.6	0.736	71	165	W by N	97	...	Overcast.
2	29.746	0.078	82.7	75.4	88.7	76.2	126.8	72.6	0.783	70	125	W by S	98	...	Do.
3	29.741	0.065	81.0	76.1	91.1	78.2	145.0	77.1	0.835	78	103	SW by W	90	0.07	Do.
4	29.749	0.114	81.5	76.0	90.2	75.6	138.6	74.3	0.824	77	99	W by N	93	0.21	Cloudy with showers : lg.
5	29.705	0.110	82.0	75.5	91.2	75.8	130.5	75.1	0.797	73	141	W by S	87	...	Cloudy.
6	29.699	0.094	80.7	75.7	89.3	78.8	123.3	75.3	0.822	78	159	W by S	95	0.04	Do.
7	29.715	0.097	83.0	75.6	91.2	76.7	143.8	75.9	0.785	69	135	SW by W	65	...	Passing clouds.
8	29.736	0.160	85.1	76.6	94.7	80.2	141.9	79.1	0.802	66	131	W S W	75	...	Cloudy.
9	29.724	0.158	84.0	77.1	94.2	80.2	143.0	79.4	0.838	72	160	S S W	80	...	Do.
10	29.745	0.101	82.2	77.3	94.2	77.0	133.0	75.6	0.872	79	149	S W	90	0.04	Do.
11	29.765	0.101	84.1	76.7	94.7	78.1	142.3	77.0	0.820	70	184	SW by S	70	...	Passing clouds.
12	29.772	0.125	82.5	77.4	92.0	78.0	126.1	76.6	0.874	79	92	S S W	63	...	Do.
13	29.741	0.170	84.1	77.7	93.8	78.1	142.0	76.5	0.866	74	156	Sonth	52	...	Do.
14	29.738	0.098	81.1	75.5	87.7	74.3	112.1	73.5	0.809	77	136	W by S	93	0.27	Overcast : rain : lg.
15	29.780	0.092	81.3	75.7	88.8	77.1	135.0	75.2	0.815	77	118	W by S	97	...	Overcast.
16	29.788	0.106	75.9	72.3	79.2	76.2	91.4	71.9	0.746	84	71	West	97	0.10	Do.
17	29.776	0.086	79.6	76.1	89.1	74.0	116.0	70.7	0.854	84	145	S S W	90	0.08	Cloudy.
18	29.772	0.105	81.0	75.5	87.2	75.8	123.0	74.4	0.810	77	118	W by S	90	...	Do.
19	29.800	0.044	80.6	75.6	87.2	77.9	115.5	76.4	0.819	78	119	West	98	0.01	Overcast.
20	29.833	0.066	77.7	76.0	91.0	74.7	145.1	73.9	0.876	92	84	E by N	80	1.09	Cloudy : heavy rain.
21	29.818	0.140	82.0	77.8	91.1	78.8	147.1	78.1	0.897	82	103	S by W	63	...	Passing clouds.
22	29.841	0.085	78.1	76.2	86.1	76.9	114.2	76.6	0.879	91	107	S W	85	0.09	Cloudy.
23	29.824	0.133	81.0	78.0	92.2	75.4	149.1	74.0	0.920	87	95	S S W	57	...	Passing clouds : lg.
24	29.826	0.145	81.3	76.5	95.0	74.0	152.2	73.7	0.849	80	134	SW by S	52	...	Do. : do.
25	29.781	0.131	80.5	77.2	94.4	77.0	150.2	75.9	0.891	85	109	S S W	58	0.18	Passing clouds.
26	29.817	0.129	81.8	78.1	91.5	75.9	136.9	75.2	0.913	85	105	S S E	55	...	Passing clouds : lg.
27	29.772	0.158	81.1	76.5	90.4	76.0	144.1	75.3	0.852	82	123	SW by S	55	0.03	Passing clouds.
28	29.790	0.115	82.7	77.6	93.4	76.6	143.1	74.9	0.880	79	100	S by W	47	...	Do.
29	29.786	0.114	83.2	78.1	93.7	76.2	148.0	75.2	0.895	79	112	SW by W	30	...	Passing clouds : lg.
30	29.787	0.096	83.5	77.2	89.3	76.7	133.0	76.4	0.850	74	132	W by N	70	...	Cloudy.
31	29.789	0.105	82.6	76.7	93.6	77.1	147.2	76.5	0.840	75	124	S S W	85	...	Cloudy : lg.
Mean	29.772	0.111	81.6	76.4	90.8	76.8	136.7	75.4	0.840	78	124	SW by S	76	2.21	

Madras Meteorological Observations. 1890—September.

September 1890	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.							
									Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.805	0.112	81.8	77.9	94.8	76.2	153.0	76.2	0.904	83	135	South	70	...	Passing clouds.
2	29.816	0.114	82.7	78.0	95.2	76.7	147.0	76.1	0.897	80	87	S S W	38	...	Do.
3	29.859	0.176	79.4	77.8	89.3	73.7	136.1	73.9	0.933	93	82	S W	67	0.61	Passing clouds : rain : lg.
4	29.761	0.143	82.3	78.5	94.6	75.0	140.7	74.1	0.925	83	145	South	68	0.01	Passing clouds : lg.
5	29.736	0.113	82.1	79.0	93.0	72.9	146.8	71.8	0.951	86	98	S W	65	0.02	Cloudy.
6	29.697	0.131	82.0	78.4	92.9	76.7	...	76.3	0.925	84	62	SW by S	67	0.02	Do.
7	29.695	0.095	81.5	76.6	86.2	78.0	129.6	77.4	0.851	79	44	W by S	90	...	Do.
8	29.687	0.110	78.8	76.7	84.2	76.0	...	75.3	0.892	90	49	West	98	0.19	Overcast : rain : lg.
9	29.672	0.105	81.5	78.3	91.0	76.3	130.4	75.9	0.927	86	99	SW by S	67	0.86	Passing clouds : rain.
10	29.684	0.078	79.4	77.1	91.5	75.9	147.1	74.3	0.901	90	90	S W	70	0.43	Cloudy : lg.
11	29.696	0.086	82.0	77.7	91.1	75.0	141.6	73.3	0.893	81	127	SW by S	85	...	Cloudy.
12	29.715	0.084	80.8	76.9	89.0	74.9	143.1	73.1	0.873	83	140	S W	90	0.10	Cloudy : th. and lg.
13	29.733	0.082	83.2	77.6	92.4	77.3	146.4	75.0	0.873	77	140	SW by S	60	...	Passing clouds : lg.
14	29.752	0.123	80.5	76.0	86.6	75.7	126.0	73.1	0.838	80	122	SW by W	100	0.15	Overcast : thunderstorm.
15	29.722	0.117	82.2	76.8	90.5	78.7	143.5	76.5	0.850	77	161	S W	80	...	Cloudy.
16	29.716	0.117	83.1	76.6	90.3	77.3	147.1	75.6	0.829	73	140	SW by W	65	...	Passing clouds.
17	29.749	0.081	82.2	75.7	88.7	79.3	123.9	78.1	0.802	73	119	West	90	...	Cloudy.
18	29.757	0.092	82.6	76.7	90.0	78.5	126.5	76.8	0.840	75	136	SW by W	85	...	Do.
19	29.759	0.113	83.9	76.6	91.8	77.8	138.2	75.9	0.818	71	205	SW by S	57	...	Passing clouds.
20	29.775	0.144	84.0	76.4	93.8	77.1	144.7	75.3	0.809	69	214	S W	43	...	Do.
21	29.756	0.177	84.9	75.2	95.4	78.1	145.5	76.8	0.745	61	170	W by S	72	...	Cloudy.
22	29.745	0.123	84.3	74.1	92.7	80.5	142.8	...	0.706	60	202	NW by W	88	...	Do.
23	29.763	0.144	82.0	75.7	91.4	76.4	146.3	...	0.805	73	122	W by N	90	0.01	Do.
24	29.757	0.166	85.8	77.8	97.7	80.3	149.8	79.0	0.846	68	154	S S W	68	...	Passing clouds.
25	29.756	0.152	84.5	75.6	95.9	79.3	147.6	77.5	0.766	64	173	S by W	42	...	Do.
26	29.778	0.132	83.7	75.7	96.6	78.4	153.8	76.8	0.782	68	174	S by W	38	...	Do.
27	29.816	0.123	84.5	77.1	95.0	78.0	153.0	76.0	0.832	70	162	S by E	45	...	Do.
28	29.827	0.128	82.0	78.1	94.8	75.4	150.0	73.7	0.910	83	141	S W	70	0.02	Do.
29	29.820	0.107	83.6	79.2	92.3	78.1	150.9	75.9	0.939	81	108	S E	45	...	Do.
30	29.816	0.124	79.6	76.9	92.1	75.7	147.0	74.6	0.890	88	106	South	45	0.17	Passing clouds : lg.
Mean	29.754	0.120	8.24	77.0	92.0	77.0	142.8	75.5	0.858	78	130	S W	69	2.59	

Madras Meteorological Observations. 1890—October.

October 1890	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.832	0.084	82.8	78.9	91.2	75.2	145.8	73.8	0.936	83	90	S S E	30	...	Passing clouds: lg.
2	29.857	0.109	81.3	78.1	92.0	75.5	153.7	73.9	0.920	86	106	South	55	0.03	Passing clouds.
3	29.818	0.132	82.7	79.6	93.3	76.8	148.6	74.8	0.971	87	98	S S E	40	...	Passing clouds: lg.
4	29.774	0.103	83.2	79.4	93.0	76.5	150.7	74.9	0.954	84	83	S by E	25	...	Do. : do.
5	29.769	0.103	82.4	79.0	92.8	76.0	149.4	74.8	0.945	85	95	S by E	55	0.06	Cloudy: th. storm about 2-30 p.m.
6	29.813	0.143	78.4	77.2	89.4	76.0	137.6	74.3	0.919	94	55	W by S	80	0.35	Cloudy: rain: lg.
7	29.831	0.079	76.8	76.2	87.1	74.8	144.4	73.5	0.898	98	67	West	93	0.11	Cloudy with lg.
8	29.780	0.102	79.4	75.7	91.8	71.7	142.2	69.1	0.841	84	69	N by W	80	...	Cloudy.
9	29.755	0.078	80.3	76.2	87.4	75.6	121.2	74.1	0.850	82	71	N by W	85	...	Do.
10	29.728	0.137	79.1	76.1	82.0	77.3	98.0	75.8	0.861	87	75	N by W	100	...	Overcast.
11	29.708	0.079	81.0	76.3	89.0	75.2	126.1	73.1	0.844	79	61	W N W	95	...	Do.
12	29.737	0.115	85.0	77.2	96.2	77.6	144.7	75.9	0.830	69	217	SW by W	40	...	Cloudy morning: fine day: lg.
13	29.771	0.098	85.1	77.7	94.5	77.5	145.8	76.4	0.851	70	218	SW by S	65	...	Passing clouds.
14	29.780	0.086	83.2	77.4	92.6	77.4	141.6	76.6	0.863	76	158	S. W	77	...	Cloudy: lg.
15	29.824	0.059	79.6	75.1	95.6	75.0	148.1	73.2	0.812	80	93	W by S	50	0.10	Passing clouds: duststorm at 2 p.m.
16	29.881	0.082	82.0	75.3	94.6	71.0	146.5	68.7	0.788	72	97	N N E	30	...	Passing clouds: fine night.
17	29.951	0.137	82.8	77.3	92.3	73.0	146.2	70.6	0.864	77	122	N N E	30	0.09	Fine.
18	29.885	0.162	81.4	76.4	90.9	73.3	145.9	71.3	0.843	78	102	E N E	20	...	Do.
19	29.892	0.086	81.0	76.4	91.6	71.5	144.3	68.3	0.849	80	68	NE by E	8	...	Do.
20	29.915	0.098	82.6	75.0	95.2	71.4	147.9	68.8	0.767	69	84	E N E	10	...	Do.
21	29.923	0.119	81.9	74.3	94.6	71.5	148.0	68.4	0.747	69	122	E N E	5	...	Do.
22	29.907	0.091	81.6	74.4	90.9	71.3	136.7	69.0	0.755	70	158	N by E	60	...	Passing clouds.
23	29.910	0.058	81.2	75.7	92.1	75.0	152.7	73.2	0.816	77	104	N N E	55	...	Do.
24	29.890	0.078	84.1	76.9	93.9	73.5	146.2	70.8	0.829	71	191	N by E	40	...	Do.
25	29.910	0.067	83.3	78.9	91.6	77.3	145.5	75.7	0.929	81	191	NE by N	60	0.02	Do.
26	29.911	0.063	78.7	75.8	85.7	76.7	120.9	75.2	0.853	87	97	N by E	98	0.03	Overcast: distant th. and lg.
27	29.900	0.086	78.9	76.0	91.1	74.9	144.9	74.0	0.859	87	121	N E	82	2.25	Cloudy and rainy: th. storm 7 p.m.
28	29.900	0.115	81.5	78.0	88.6	73.2	143.2	73.2	0.913	85	132	NE by E	73	0.31	Cloudy: lg.
29	29.874	0.149	78.6	76.3	88.3	73.2	143.3	72.3	0.877	90	50	N by W	70	...	Passing clouds: lg.
30	29.839	0.129	79.7	77.4	88.7	74.4	144.9	73.3	0.910	90	65	N E	67	0.03	Passing clouds: th. and lg.
31	29.834	0.104	77.0	75.4	85.9	74.2	132.1	73.7	0.859	92	67	N by E	75	0.79	Cloudy: rain: lg.
Mean	29.842	0.101	81.2	76.8	91.1	74.6	141.5	72.9	0.863	81	107	N by W	57	4.17	

Madras Meteorological Observations. 1890—November.

November 1890	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather.
	Mean	Range			Dry		Sun	Grass							
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.828	0.131	80.4	77.1	87.5	74.3	143.5	73.0	0.888	86	74	North	70	0.06	Passing clouds: lg.
2	29.822	0.095	80.7	77.4	86.6	74.9	139.3	73.6	0.897	86	75	East	75	0.10	Cloudy: lg.
3	29.850	0.127	80.8	77.4	87.9	75.1	144.3	74.1	0.895	85	68	E by N	65	0.66	Cloudy and showery: lg.
4	29.901	0.088	77.0	74.9	80.2	74.9	98.5	73.9	0.839	91	98	N N E	100	0.36	Overcast and showery.
5	29.869	0.124	75.7	74.8	80.3	72.9	124.0	72.7	0.852	96	148	N by W	97	1.32	Overcast: rain.
6	29.843	0.089	77.8	75.8	83.4	74.9	131.9	73.8	0.866	91	51	NW by N	88	0.07	Cloudy: lg.
7	29.885	0.090	78.5	76.9	84.4	75.9	136.6	74.9	0.905	93	53	S S E	60	1.01	Cloudy day: fine night: rain: lg.
8	29.962	0.113	80.8	76.5	87.2	74.2	141.5	72.6	0.856	82	66	E S E	25	...	Fine with passing clouds: lg.
9	29.982	0.116	81.2	78.4	88.1	74.3	142.7	72.9	0.936	88	100	N E	43	0.04	Passing clouds.
10	29.944	0.129	80.0	77.0	87.6	74.8	140.8	72.5	0.889	87	98	NE by N	45	...	Do.
11	29.932	0.105	80.8	77.1	88.4	73.8	144.1	71.3	0.882	84	67	NE by E	25	...	Fine with passing clouds: lg.
12	29.935	0.104	80.1	76.2	88.6	75.4	146.2	74.6	0.852	82	120	N E	70	...	Passing clouds: lg.
13	29.956	0.068	81.6	76.3	88.2	74.9	145.1	72.6	0.836	78	132	E N E	37	...	Fine with passing clouds.
14	29.985	0.072	79.1	74.2	87.2	70.9	140.0	68.1	0.781	78	137	NE by N	25	...	Do.
15	29.972	0.089	78.1	73.1	87.3	69.2	145.7	65.6	0.749	78	112	N N E	37	...	Passing clouds.
16	29.996	0.077	77.1	73.3	87.3	69.9	144.7	66.9	0.770	83	111	N N E	33	...	Passing clouds: lg.
17	29.998	0.063	76.3	71.9	86.7	71.6	143.8	68.8	0.724	79	140	N by E	45	0.01	Passing clouds.
18	30.013	0.076	75.9	71.3	87.2	68.5	146.1	65.8	0.707	79	137	N by E	50	...	Do.
19	30.020	0.093	77.2	72.4	86.0	68.1	142.2	65.2	0.733	78	130	N by E	22	...	Do.
20	30.020	0.130	74.9	70.9	86.8	67.6	144.5	64.3	0.704	81	87	N by E	43	...	Do.
21	30.022	0.105	76.4	73.0	85.9	67.2	146.1	64.3	0.767	84	159	North	32	...	Do.
22	30.030	0.097	78.2	73.9	85.5	74.4	141.1	72.9	0.780	81	220	N by E	60	0.08	Passing clouds: lg.
23	30.045	0.102	78.0	73.5	86.0	71.4	140.4	69.3	0.767	80	215	N by E	70	...	Passing clouds.
24	30.023	0.097	76.7	72.2	85.5	71.1	138.1	69.7	0.731	79	204	N by E	43	...	Do.
25	29.990	0.115	78.1	74.2	84.4	71.2	132.1	70.6	0.794	82	230	N N E	47	...	Do.
26	29.965	0.083	77.6	72.8	86.2	70.9	141.1	68.8	0.744	79	194	N N E	50	...	Do.
27	29.965	0.118	76.2	72.7	86.2	68.7	141.9	66.8	0.758	84	183	N by E	48	...	Do.
28	29.968	0.060	76.5	73.5	80.2	72.0	96.5	71.8	0.787	86	162	N by E	80	0.15	Cloudy: rain.
29	29.973	0.092	76.6	74.9	84.9	71.8	135.3	70.8	0.843	92	187	N by W	65	0.75	Cloudy: rain: lg.
30	29.920	0.131	77.1	74.8	82.9	71.4	136.8	70.5	0.833	90	217	N by W	35	...	Passing clouds.
Mean	29.954	0.099	78.2	74.6	85.8	72.2	137.8	70.4	0.812	84	133	N N E	53	4.61	

Madras Meteorological Observations. 1890—December.

December 1890	BAROMETER REDUCED TO 32°		Corrected Mean Temperature		SELF REGISTERING THERMOMETERS				Deduced		Wind		Clouds	Rain	General Weather
	Mean	Range			Dry		Sun									Grass
			Dry	Wet	Max.	Min.	Max.	Min.	Vapour Tension	Hum- idity	Daily Velo- city	Mean Direc- tion			
Day	Inches	Inches	°	°	°	°	°	°	Inches	Cents	Miles	Points	Cents	Inches	
1	29.869	0.119	76.3	72.3	83.3	72.6	138.5	71.3	0.739	82	232	N by W	40	...	Passing clouds.
2	29.882	0.074	75.2	72.7	81.8	68.1	126.1	64.9	0.772	88	154	N by W	47	...	Do.
3	29.938	0.099	77.4	75.3	85.9	72.1	146.5	70.7	0.851	91	112	N N E	30	...	Do.
4	29.953	0.110	79.9	77.1	86.7	74.3	141.5	72.9	0.894	88	72	E N E	57	0.01	Passing clouds : lg.
5	29.947	0.093	74.8	74.7	82.5	74.2	123.0	72.7	0.860	100	28	N N E	95	0.36	Overcast with showers : lg.
6	29.928	0.144	78.0	75.6	85.5	72.1	139.8	71.7	0.854	89	139	N N E	87	0.02	Cloudy : lg.
7	29.962	0.096	78.2	74.6	86.3	73.3	140.8	71.7	0.808	84	151	N E	57	...	Passing clouds.
8	29.988	0.066	77.7	74.5	87.6	70.3	144.0	68.1	0.812	86	125	N E	60	...	Do.
9	29.978	0.085	77.4	73.2	86.4	69.3	143.4	66.9	0.763	81	119	NE by N	23	...	Fine.
10	29.960	0.108	76.1	73.6	86.4	72.3	140.9	70.5	0.796	88	106	N N E	47	...	Passing clouds.
11	29.934	0.103	77.6	74.3	87.3	68.9	143.5	66.9	0.805	85	81	NE by E	20	...	Fine.
12	29.957	0.096	77.6	73.6	87.3	69.3	142.9	66.9	0.776	82	68	E N E	15	...	Do.
13	29.953	0.109	76.5	73.3	86.9	68.1	139.1	65.5	0.778	86	54	E by N	22	...	Do.
14	29.956	0.091	76.6	74.5	87.1	68.3	141.3	65.7	0.829	91	45	E by S	15	...	Do.
15	29.984	0.126	76.9	73.2	86.5	67.3	141.3	64.7	0.769	83	55	East	17	...	Do.
16	29.999	0.120	76.9	73.3	87.3	66.9	139.2	64.2	0.773	84	85	E N E	12	...	Do.
17	30.003	0.097	77.0	74.2	87.1	70.0	141.9	68.6	0.809	87	136	E N E	50	0.06	Passing clouds.
18	30.014	0.079	79.1	73.3	87.2	70.8	141.9	65.8	0.743	75	183	N E	32	...	Do.
19	30.029	0.097	79.4	70.8	87.7	69.8	143.4	66.6	0.640	64	195	NE by E	35	...	Do.
20	30.028	0.084	80.2	72.8	88.0	75.3	140.3	71.6	0.708	68	221	NE by E	28	...	Do.
21	30.024	0.092	77.4	72.0	87.5	67.8	138.1	64.2	0.713	75	133	N E	25	...	Fine.
22	30.011	0.115	76.9	72.2	87.3	68.6	142.3	64.6	0.723	78	109	NE by N	25	...	Do.
23	30.031	0.101	76.8	72.5	87.3	67.6	141.3	64.0	0.744	81	133	N E	85	...	Fine with passing clouds
24	30.083	0.092	80.9	75.2	87.9	71.4	144.9	68.8	0.793	75	146	E N E	40	...	Passing clouds.
25	30.071	0.076	76.8	72.3	86.9	70.4	141.0	68.8	0.734	79	152	NE by E	65	0.04	Cloudy.
26	30.006	0.129	76.3	71.8	85.9	66.2	142.3	62.8	0.721	79	145	NE by N	30	...	Fine.
27	30.035	0.063	75.3	70.5	87.3	65.0	141.1	62.6	0.683	78	88	NE by N	15	...	Do.
28	30.062	0.081	76.1	71.0	86.5	66.8	142.7	63.6	0.692	77	100	NE by N	25	...	Do.
29	30.052	0.091	75.1	70.8	87.5	64.6	142.1	60.6	0.697	80	97	NE by N	20	...	Do.
30	30.025	0.123	75.3	70.5	87.0	63.8	139.4	60.6	0.683	78	82	NE by N	12	...	Do.
31	30.016	0.114	74.4	70.4	87.2	62.9	141.1	59.8	0.691	81	105	NE by N	11	...	Do.
Mean	29.990	0.099	77.1	73.1	86.6	69.3	140.5	66.7	0.763	82	118	N E	35	0.49	

Madras Mean Monthly and Annual Meteorological Results in 1890.

	Barometer		Dry Bulb Thermometer				Wet Bulb		Tension of Vapour	Relative Humidity	Sun Maximum	Minimum on Grass	Wind		Rain		Clear Sky																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
	Reduced to 32°	Daily Range	Mean	Max.	Min.	Range	Mean	Min.	By Blanford's Tables	Inches			Cents	Miles	Points	Points		Mean Direction	Amount	Days																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
January.....	29.947	0.096	74.2	84.2	66.1	18.1	69.6	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

Madras Extreme Monthly Meteorological Records in 1890.

	Barometer			Dry Bulb Thermometer				Wet Bulb		Humidity		Sun Thermometer		Grass Thermometer		Wind			Rain.			
	Highest	Lowest		Range	Highest		Lowest		Lowest	Day	Cents	Day	°	Day	°	Lowest	Miles	Day	Miles	Day	Inches	Day
		Day	Inches		Day	°	Day	°														
January ...	30.047	31	29.791	25	0.256	88.9	24	61.8	2	51	1	147.4	5	568	1	252	14	71	21	0.21	8	
February ...	30.120	3	29.797	16	0.323	92.6	21	61.7	4	47	15	146.7	21	581	4	167	13	57	15	...	...
March	30.021	4	29.750	14	0.271	95.6	26	71.2	20	54	29	150.6	5	66.2	1	272	17	90	1	...	...
April	29.985	8	29.691	25	0.294	98.3	25	74.2	10	43	16	153.2	24	72.0	10	259	24	91	27	0.17	26	
May	29.824	1	29.543	7	0.281	109.0	9	76.3	1	29	31	156.7	10	74.9	1	309	31	151	1	...	...
June	29.831	26	29.596	8	0.235	103.5	1	72.1	26	35	21	157.1	6	71.3	26	269	1	111	29	1.26	15	
July	29.862	3	29.636	22	0.226	96.2	4	72.4	31	41	12	147.2	12	71.7	31	247	14	82	30	2.04	26	
August ...	29.887	22	29.672	5	0.215	95.0	24	74.0	24	49	11	152.2	24	70.7	17	184	11	71	16	1.09	20	
September.	29.933	3	29.631	9	0.302	97.7	24	72.9	5	45	21	153.8	26	71.8	5	214	20	44	7	0.86	9	
October ...	30.029	17	29.676	11	0.353	96.2	12	71.0	16	39	20	153.7	2	68.3	19	218	13	50	29	2.25	27	
November.	30.084	23	29.780	2	0.304	88.6	12	67.2	21	58	15	146.2	12	64.3	20	230	25	51	6	1.32	5	
December..	30.111	24	29.827	1	0.284	88.0	20	62.9	31	52	30	146.5	3	59.8	31	232	1	28	5	0.36	5	

Mean Monthly Meteorological Averages, 1861—1890.

	January	February	March	April	May	June	July	August	September	October	November	December	Annual
Barometer (reduced to 32°) ...	29.995	29.964	29.909	29.826	29.733	29.702	29.724	29.747	29.773	29.840	29.922	29.979	29.843
Barometer reduced to Sea Level and to Gravity at lat. 45° ...	29.949	29.918	29.863	29.780	29.686	29.655	29.678	29.701	29.727	29.794	29.876	29.933	29.797
Daily Range	0.119	0.125	0.131	0.133	0.125	0.122	0.122	0.136	0.131	0.124	0.114	0.112	0.124
Dry Bulb in Shade	74.9	76.6	80.2	84.2	87.0	86.7	84.8	83.2	83.2	80.8	77.6	75.5	81.2
Wet Bulb in Shade	69.1	70.6	73.9	77.5	78.4	76.7	75.9	76.1	76.2	75.6	72.8	70.5	74.4
Percentage of Humidity	73	73	73	73	67	62	65	70	72	78	79	77	72
Pressure of Vapour	0.638	0.672	0.756	0.858	0.860	0.786	0.777	0.802	0.812	0.819	0.748	0.684	0.768
Solar Heat in Vacuo	138.1	139.5	140.5	141.7	142.5	139.8	136.9	139.3	140.3	136.5	133.5	133.6	138.5
Dry Maximum in Shade	83.4	85.9	89.1	92.7	97.7	98.1	95.6	93.5	92.8	88.7	84.5	82.7	90.4
Dry Minimum in Shade	67.7	68.2	72.3	77.3	80.9	80.6	78.7	77.4	77.2	75.4	72.4	70.1	74.9
Grass Minimum	63.1	63.8	68.6	74.3	78.9	78.6	76.7	75.3	74.9	72.9	69.6	66.4	71.9
Rainfall in Inches	0.79	0.31	0.29	0.48	1.78	2.61	4.12	4.81	4.34	10.80	13.60	5.75	49.68
Rainfall since January 1st	0.79	1.10	1.39	1.87	3.65	6.26	10.38	15.19	19.53	30.33	43.93	49.68	49.68
Wind Velocity in Miles	145	123	151	186	224	220	198	174	156	123	162	180	170
Wind Direction	NE by E	East	S E	S E by S	S by E	SW by S	S W	SW by S	S S W	NE	NE by N	N N E	S E
Percentage of Cloudy Sky ...	37	24	23	28	38	64	71	67	63	58	59	52	49

Madras Mean Annual Meteorological Results, 1861—1890.

Years	Barometer		Dry Bulb Thermometer				Wet Bulb		Tension of Vapour By Blanford's Tables	Relative Humidity	Sun Maximum	Minimum on Grass	Wind		Rain		Clear Sky
	Reduced to 32°	Daily Range	Mean	Max.	Min.	Range	Mean	Min.					Daily Velocity	Mean Direction	Amount	Days	
	Inches	Inches	°	°	°	°	°	°	Inches	Cents	°	°	Miles	Points	Points	No.	Cents
1861	29.829	0.124	81.1	89.0	74.6	14.4	74.9	71.4	0.788	74	...	...	...	15	S by E	37.19	72
1862	29.829	0.126	81.2	89.5	75.2	14.3	74.7	71.5	0.778	73	...	71.8	160	12	S E	38.18	95
1863	29.832	0.123	81.0	88.3	75.0	13.3	74.3	71.4	0.766	73	...	71.2	139	12	S E	54.61	99
1864	29.874	0.125	80.8	88.4	74.8	13.6	73.5	70.6	0.735	70	...	70.2	...	12	S E	47.23	77
1865	29.865	0.123	82.0	89.7	75.9	13.8	74.6	71.6	0.764	70	...	71.6	177	12	S E	41.64	86
1866	29.845	0.125	82.3	90.3	76.3	14.0	74.6	71.7	0.759	69	135.7	72.1	193	13	S E by S	51.89	85
1867	29.855	0.125	81.5	89.5	75.4	14.1	73.9	70.9	0.741	69	134.7	70.0	184	13	S E by S	24.37	79
1868	29.853	0.122	81.1	90.8	74.3	16.5	74.5	71.4	0.772	73	137.1	71.1	182	11	S E by E	41.43	68
1869	29.824	0.125	82.4	91.9	76.0	15.9	75.1	72.1	0.778	71	138.6	73.5	194	12	S E	32.31	101
1870	29.814	0.121	80.7	89.7	74.5	15.3	74.0	71.1	0.755	72	134.9	71.7	174	12	S E	74.10	98
1871	29.836	0.123	81.5	91.2	75.2	16.0	74.2	71.3	0.750	70	135.8	71.9	178	10	E S E	56.35	94
1872	29.826	0.120	80.9	90.3	74.7	15.6	74.1	71.3	0.756	72	132.9	71.6	177	14	S S E	73.67	110
1873	29.839	0.125	80.9	90.8	74.7	16.1	73.9	71.0	0.748	71	133.6	71.3	178	13	S E by S	51.83	96
1874	29.836	0.123	80.5	89.8	74.2	15.6	74.0	71.0	0.757	73	131.8	71.1	168	12	S E	62.90	105
1875	29.835	0.126	81.3	91.2	74.9	16.3	73.9	71.0	0.742	71	137.5	72.0	171	11	S E by E	37.12	94
1876	29.835	0.126	81.4	92.2	74.1	18.1	73.3	70.1	0.719	67	144.5	71.8	179	12	S E	21.60	73
1877	29.889	0.121	81.8	92.0	75.5	16.5	74.2	71.4	0.749	69	141.3	73.6	188	12	S E	66.20	95
1878	29.848	0.124	82.4	91.9	76.0	15.9	74.9	72.1	0.771	70	133.1	71.0	161	12	S E	28.05	89
1879	29.829	0.123	81.0	90.5	74.6	15.9	73.6	70.7	0.734	69	136.0	72.5	175	11	S E by E	54.25	107
1880	29.839	0.127	81.1	90.6	74.7	15.9	73.6	70.7	0.732	69	142.7	72.3	157	12	S E	61.80	115
1881	29.846	0.124	81.5	91.6	74.8	16.8	74.1	71.0	0.750	70	143.6	72.0	170	12	S E	44.04	91
1882	29.831	0.129	81.2	91.1	74.6	16.5	73.8	70.9	0.739	70	141.7	72.4	175	14	S S E	50.20	94
1883	29.841	0.127	80.9	90.4	74.6	15.8	74.8	71.8	0.789	75	141.3	72.1	178	11	S E by E	60.54	92
1884	29.863	0.130	80.5	90.5	74.1	16.3	74.6	71.4	0.783	75	139.8	71.6	176	11	S E by E	78.92	99
1885	29.864	0.129	81.0	90.0	74.7	15.3	74.8	72.0	0.786	74	140.7	72.4	165	12	S E	47.88	93
1886	29.838	0.127	80.7	89.7	74.4	15.3	75.1	72.1	0.803	77	139.9	72.0	143	11	S E by E	47.78	109
1887	29.834	0.128	80.8	89.9	74.6	15.3	75.4	72.1	0.813	77	140.6	72.4	166	12	S E	70.24	100
1888	29.858	0.116	81.0	90.4	74.7	15.7	75.6	72.5	0.821	77	141.4	72.3	160	12	S E	62.48	106
1889	29.810	0.112	81.2	90.7	74.6	16.1	75.8	...	0.827	78	142.3	72.3	148	13	S E by S	43.39	84
1890	29.837	0.110	80.9	91.0	74.3	16.7	75.6	...	0.822	78	140.7	72.5	144	11	S E by E	27.99	83
Means 1861 to 1890	29.843	0.124	81.2	90.4	74.9	15.6	74.4	71.4	0.768	72	138.5	72.0	170	12	S E	49.68	93
Means 1841 to 1860	29.844	0.124	80.6	87.4	75.0	12.4	74.0	...	...	74	...	...	...	13	S E by S	50.75	89

Madras Extreme Annual Meteorological Records 1861—1890.

Years	Barometer				Dry Bulb Thermometer				Wet Bulb		Humidity		Sun Thermometer		Grass Thermometer		Wind Velocity			Rain		
	Highest	Month	Day	Lowest	Month	Day	Lowest	Month	Day	Lowest	Month	Day	Highest	Month	Day	Lowest	Month	Day	Highest	Month	Day	Greatest Fall
1861	30.115	Jan.	1	29.527	May	23	0.588	12	Feb.	16	36	Jun.	3	...	...	...	...	...	...	Nov.	6	4.98
1862	30.123	Dec.	31	29.508	Jun.	29	0.615	30	Dec.	31	24	Feb.	27	...	56.9	Dec.	31	55	May	21	3.28	Dec. 14
1863	30.137	Jan.	11	29.548	Jun.	1	0.589	5	Jan.	1	30	Sep.	25	...	57.3	Jan.	1	52	Oct.	22	5.48	Dec. 4
1864	30.155	Dec.	26	29.492	Jun.	11	0.663	1	Jan.	28	32	July	26	...	51.6	Jan.	25	67	Nov.	20	9.35	Nov. 18
1865	30.167	Jan.	18	29.517	May	31	0.650	5	Jan.	28	33	July	17	...	55.1	Jan.	28	59	Oct.	31	4.73	Nov. 25
1866	30.171	Jan.	24	29.513	Jun.	16	0.658	28	Nov.	27	17	May	28	...	55.0	Nov.	27	49	Oct.	4	7.99	Dec. 5
1867	30.149	Jan.	20	29.467	Jun.	18	0.682	1	Dec.	21	27	Mar.	1	...	53.1	Dec.	21	50	Sep.	29	3.64	Nov. 30
1868	30.126	Jan.	2	29.389	Jun.	6	0.737	30	Dec.	12	29	Apr.	30	...	53.6	Dec.	12	80	Dec.	12	4.08	Jun. 4
1869	30.173	Jan.	15	29.518	Jun.	29	0.655	15	Feb.	17	27	Apr.	7	...	57.2	Feb.	17	359	May	9	2.10	July 31
1870	30.121	Dec.	4	29.484	May	10	0.637	12	Dec.	22	17	May	10	...	53.0	Feb.	6	419	Jan.	15	5.93	Oct. 20
1871	30.111	Feb.	1	29.515	Jun.	5	0.596	21	Jan.	30	28	May	21	...	55.4	Feb.	6	396	Nov.	7	4.84	Nov. 1
1872	30.122	Jan.	20	29.319	May	2	0.803	26	Jan.	7	33	July	13	...	56.6	Jan.	9	716	May	2	7.79	Oct. 13
1873	30.111	Dec.	10	29.499	May	30	0.612	31	Jan.	17	25	July	9	...	52.2	Jan.	17	356	Nov.	20	6.57	Dec. 1
1874	30.163	Jan.	19	29.306	May	5	0.857	31	Jan.	15	36	May	24	...	51.5	Jan.	15	690	May	5	7.47	Oct. 24
1875	30.113	Dec.	24	29.550	May	9	0.563	8	Jan.	10	29	Jun.	24	...	54.7	Jan.	14	355	July	16	3.50	Nov. 14
1876	30.144	Dec.	7	29.531	May	6	0.613	25	Jan.	3	24	July	10	...	58.2	Jan.	10	612	May	18	2.30	Nov. 10
1877	30.168	Feb.	19	29.432	May	18	0.736	15	Nov.	19	31	May	20	...	58.3	Dec.	22	309	May	12	4.37	Oct. 6
1878	30.158	Jan.	11	29.564	Jun.	14	0.594	2	Nov.	18	28	Mar.	1	...	57.7	Dec.	27	563	May	21	3.66	Oct. 8
1879	30.133	Feb.	5	29.382	May	20	0.751	15	Jan.	3	23	July	15	...	54.0	Jan.	3	352	May	7	5.66	Nov. 28
1880	30.147	Dec.	13	29.484	May	31	0.663	30	Jan.	3	26	Jun.	15	...	55.1	Feb.	10	530	Nov.	12	8.19	Nov. 12
1881	30.196	Feb.	7	29.506	May	23	0.690	21	Jan.	31	26	Jun.	10	...	52.2	Jan.	30	408	Jun.	12	7.38	Nov. 29
1882	30.180	Jan.	20	29.467	Jun.	6	0.713	23	Jan.	30	32	Jun.	12	...	56.5	Dec.	6	346	May	11	4.88	Oct. 2
1883	30.197	Jan.	4	29.544	Jun.	7	0.653	24	Dec.	28	32	Jun.	12	...	53.7	Feb.	6	472	Nov.	21	5.72	Nov. 7
1884	30.178	Feb.	19	29.536	July	13	0.642	17	Feb.	7	27	Jun.	29	...	57.5	Jan.	26	383	Nov.	2	6.00	Nov. 16
1885	30.201	Jan.	23	29.568	Aug.	12	0.633	26	Jan.	26	27	Jun.	26	...	58.1	Feb.	18	579	Nov.	9	3.29	Nov. 9
1886	30.152	Feb.	9	29.515	Jun.	16	0.637	9	Dec.	9	33	May	8	...	57.0	Feb.	22	330	Oct.	9	5.75	Oct. 28
1887	30.194	Feb.	15	29.546	May	25	0.618	17	Feb.	22	33	May	22	...	57.4	Jan.	18	661	Oct.	31	9.20	Oct. 31
1888	30.190	Feb.	3	29.464	Oct.	31	0.726	2	Dec.	30	39	Jun.	14	...	55.8	Jan.	13	277	Jun.	5	5.07	Dec. 18
1889	30.121	Jan.	8	29.512	July	17	0.609	21	Dec.	1	26	May	23	...	56.8	Jan.	1	309	May	31	2.25	Oct. 27
1890	30.120	Feb.	3	29.543	May	7	0.577	9	Feb.	4	29	May	31	...	56.8	Jan.	1	309	May	31	2.25	Oct. 27

Mean Monthly Resultant Wind Direction and Velocity.

YEARS	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER	
	Miles	Points	Miles	Points	Miles	Points	Miles	Points	Miles	Points	Miles	Points	Miles	Points	Miles	Points	Miles	Points	Miles	Points	Miles	Points	Miles	Points
1868.....	170	N E	94	E by S	130	SE by E	168	SE by S	213	SE by S	118	S S W	94	SW by S	120	SW by S	82	SW by S	69	NE by E	117	N N E	108	NE by N
1869.....	147	NE by E	120	E S E	162	S E	189	SE by S	225	S S E	107	W S W	106	S W	74	S S W	96	SW by S	11	N W	164	N by E	144	N N W
1870.....	153	N by E	112	NE by N	109	E S E	173	SE by S	196	S by E	119	S S W	146	W by S	79	S W	73	S W	29	S S E	100	NE by N	181	North
1871.....	114	NE by E	92	E by S	120	SE by S	182	S S E	150	South	156	SW by W	142	SW by W	87	SW by S	112	SW by S	10	E N E	133	NE by N	171	N E
1872.....	151	NE by E	102	E S E	145	SE by S	164	S E	187	S by E	129	SW by S	129	S W	134	S W	81	S S W	54	NW by N	162	N N E	129	NE by N
1873.....	100	NE by E	103	E by N	128	SE by E	156	SE by S	186	S S E	148	SW by S	164	SW by S	96	S W	91	SW by S	66	NW by N	177	North	134	N by E
1874.....	121	N E	90	East	158	S E	192	S E	106	S by W	133	SW by S	132	S W	103	SW by S	86	S W	70	N N W	124	N by W	194	North
1875.....	79	NE by E	110	NE by E	139	S E	158	SE by S	185	S by E	149	SW by S	163	W S W	95	SW by S	85	S W	44	North	151	N N E	149	NE by N
1876.....	117	N E	70	E by S	160	SE by S	194	SE by S	149	South	130	SW by S	156	SW by W	90	SW by S	86	S by W	77	NE by E	141	NE by N	191	N E by N
1877.....	154	NE by E	129	E S E	163	S E	188	S E	120	S by E	145	S S W	120	S S W	137	S S W	92	South	60	E S E	136	N N E	173	N E
1878.....	125	NE by E	76	East	145	SE by E	165	SE by E	171	SE by E	146	S S W	103	S by W	108	S by W	98	SW by S	52	W by S	90	N by E	141	North
1879.....	155	N N E	114	E N E	107	SE by E	181	S E	174	S by E	127	SW by S	88	S by W	134	S W	89	SW by S	35	North	121	N by W	210	N by E
1880.....	107	N E	102	E by S	128	S E	171	SE by S	180	S by E	124	SW by S	143	W S W	69	SW by W	91	W S W	30	NE by E	102	NE by N	71	NE by N
1881.....	181	N E	86	E N E	139	S E	186	SE by S	147	S S E	71	S W	132	S W	99	SW by S	73	S W	45	N E	112	N N E	209	N by E
1882.....	106	N E	78	E by S	131	SE by S	150	SE by S	166	S by E	174	SW by W	189	SW by W	102	S W	101	S W	52	NW by N	78	N E	170	N N E
1883.....	152	N E	91	E by S	139	SE by S	164	SE by S	191	S S E	151	S W	132	S W	120	S S W	92	S S W	39	NE by N	128	N N E	185	N N E
1884.....	132	NE by N	82	SE by E	125	SE by S	164	S S E	155	S by E	130	SW by S	89	S S W	109	S W	97	SW by W	56	NE by N	137	N by E	193	NE by N
1885.....	129	N E	105	SE by E	121	S E	172	S S E	180	S S E	128	S W	200	SW by W	123	S S W	62	S by W	43	S S E	115	N by E	137	N by E
1886.....	113	N E	86	E N E	120	S E	167	S S E	98	SE by S	120	SW by S	90	S W	83	SW by W	62	S W	20	W by N	81	N N E	111	N N E
1887.....	199	E N E	88	E by N	155	SE by S	139	S E	142	S by W	144	S W	148	W S W	69	S S W	76	SW by W	27	NE by N	107	NE by N	178	NE by N
1888.....	90	N E	90	SE by E	121	SE by S	178	S S E	158	S by E	138	S W	120	S W	126	S W	65	S by W	65	NE by N	74	NE by E	119	N N E
1889.....	99	N E	81	East	105	SE by E	140	SE by S	152	S S E	114	W S W	126	SW by W	115	SW by W	72	S by W	35	W S W	103	N by E	135	North
1890.....	123	N E	84	E N E	152	SE by S	137	SE by S	142	S by E	108	SW by S	108	S W	62	SW by W	67	SW by W	28	NE by N	116	N N E	105	N E
(23 years } Means)	130	N E	95	East	135	S E	169	SE by S	164	S by E	133	SW by S	131	S W	101	SW by S	84	SW by S	44	N N E	120	N N E	154	N N E

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Results of the meteor-
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